

**Dominion Exploration & Production, Inc.**  
**P.O. 1360**  
**Roosevelt, UT 84066**

February 5, 2003

Utah Division of Oil, Gas, & Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL  
RIVER BEND UNIT 10-23E  
NE/SW, SEC. 23, T10S, R19E  
UINTAH COUNTY, UTAH  
LEASE NO.: U-013766  
FEDERAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the above-referenced well.

All further communication regarding the permit for this well, including the 7-day letter, communication regarding approval, and the approved APD should be directed to:

Ed Trotter, Agent  
P.O. Box 1910  
Vernal, UT 84078  
Phone: (435)789-4120  
Fax: (435)789-1420

Sincerely,



Ed Trotter  
Agent

**Dominion Exploration & Production, Inc.**

Attachments

**RECEIVED**

**FEB 10 2003**

DIV. OF OIL, GAS & MINING

001

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>			5. LEASE DESCRIPTION AND SERIAL NO. U-013766	
b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> SINGLE <input type="checkbox"/> MULTIPLE <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> ZONE <input type="checkbox"/> ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Dominion Exploration & Production, Inc.			7. UNIT AGREEMENT NAME River Bend Unit	
3. ADDRESS AND TELEPHONE NO. 14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134			8. FARM OR LEASE NAME, WELL NO. RBU 10-23E	
4. LOCATION OF WELL (Report location clearly and in accordance with any state requirements.) At surface 4420535Y 1721' FSL & 2092' FWL, NE/SW - 39.93009 - 109.75037 606781X 4420595Y 1800' FSL & 1850' FEL, NW/SE - 39.93058 - 109.74613 At proposed prod. zone 607143X			9. API NUMBER 43-047-34891	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20.3 miles South of Ouray			10. FIELD AND POOL, OR WILDCAT Natural Buttes	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 1800'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 23-10S-19E	
16. NO. OF ACRES IN LEASE 2,240'			12. COUNTY OR PARISH Utah	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE UT	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1248'			20. ROTARY OR CABLE TOOLS R	
19. PROPOSED DEPTH 8,300'			22. APPROX. DATE WORK WILL START* 05-Sep-03	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5310'				

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8" H-40	48#	500'	450 Sx
12 1/4"	8 5/8" J-55	32#	2,200'	845 Sx
7 7/8"	5 1/2" MAV 80	17#	8,300'	595 Sx

Thirteen Point Surface Program and Drilling Plan Approval of Operations are attached.

Dominion requests that this complete application for permit to drill be held confidential.

**CONFIDENTIAL**

RECEIVED

FEB 10 2003

DIV. OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Carla Christian TITLE Regulatory Specialist DATE 02/05/03

(This space for Federal or State office use)

PERMIT NO. 43-047-34891 APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill TITLE ENVIRONMENTAL SCIENTIST III DATE 02-13-03

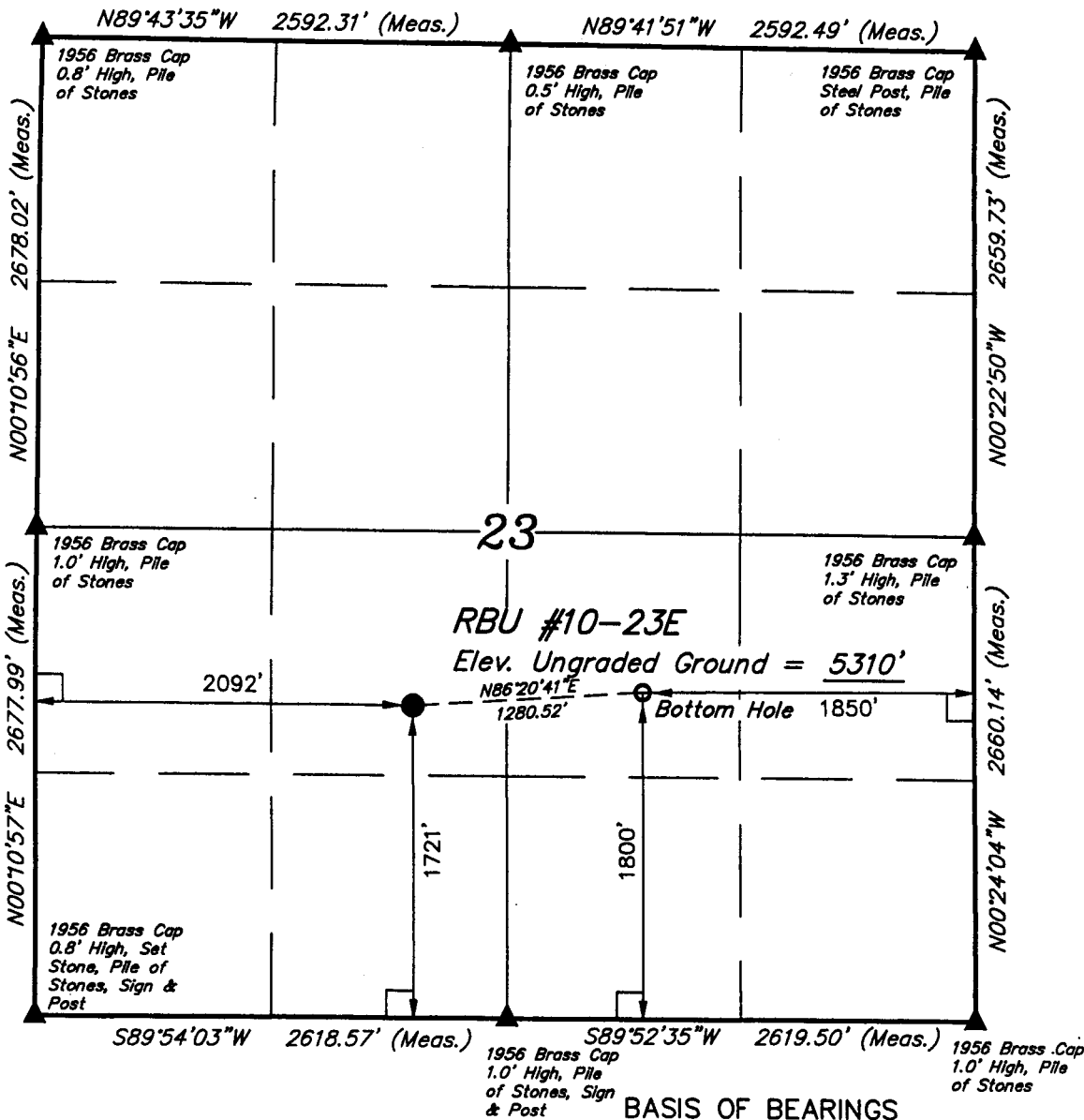
\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T10S, R19E, S.L.B.&M.

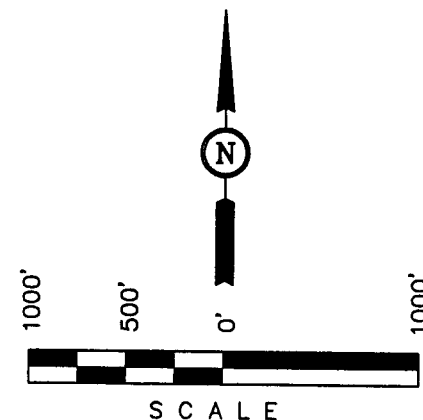
DOMINION EXPLR. & PROD., INC.

Well location, RBU #10-23E, located as shown in the NE 1/4 SW 1/4 of Section 23, T10S, R19E, S.L.B.&M. Uintah County Utah.



### BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW. QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.



### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Kay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH  
 KAY

### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(SURFACE LOCATION-AUTONOMOUS NAD 83)  
 LATITUDE = 39°55'48.77" (39.930214)  
 LONGITUDE = 109°45'05.03" (109.751397)

UINTAH ENGINEERING & LAND SURVEYING  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 05-20-02	DATE DRAWN: 05-21-02
PARTY B.B. T.H. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE DOMINION EXPLR. & PROD., INC.	

## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### Attachment for Permit to Drill

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** RBU 10-23E  
Surface - 1721' FSL & 2092' FWL  
Bottom - 1800' FSL & 1850' FEL  
Section 23-10S-19E  
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Green River	1,241'
Wasatch Tongue	4,151'
Uteland Limestone	4,481'
Wasatch	4,641'
Chapita Wells	5,541'
Uteland Buttes	6,741'
Mesaverde	7,741'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Green River	1,241'	Oil
Wasatch Tongue	4,151'	Oil
Uteland Limestone	4,481'	Oil
Wasatch	4,641'	Gas
Chapita Wells	5,541'	Gas
Uteland Buttes	6,741'	Gas
Mesaverde	7,741'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	8-5/8"	32.0 ppf	J-55	LTC	0'	2,200'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,300'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed.

The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

## DRILLING PLAN

### APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

#### 6. MUD SYSTEMS

- An air or an air/mist system may be used to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

<u>Depths</u>	<u>Mud System</u>
0' - 500'	Air foam mist, no pressure control
500' - 2,200'	Fresh water, rotating head and diverter
2,200' - 8,300'	Fresh water/2% KCL/KCL mod system

#### 7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

#### 8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

#### 9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

#### 10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H<sub>2</sub>S gas.

#### 11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### 12. CEMENT SYSTEMS

##### a. Surface Cement:

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl<sub>2</sub> and 1/4 #/sk. Poly-E-Flakes (volume includes 40% excess). Top out if necessary with Top Out cement listed below.

##### b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 2,200'±, run and cement 8-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Run 1" tubing in annulus to 200'± and cement to surface.  
Note: Repeat "Top Out" procedure until cement remains at surface.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	385	0'-1,700'	11.0 ppg	3.82 CFS	733 CF	1,466 CF	100%
Tail	370	1,700'-2,200'	15.6 ppg	1.20 CFS	220 CF	440 CF	100%
Top Out	90	0'-200'	15.8 ppg	1.17 CFS	95 CF	105 CF	10% (If required)

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 3.82 cf/sack      Slurry weight: 11.00 #/gal.  
Water requirement: 22.95 gal/sack  
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.  
Pump Time: 1 hr. 5 min. @ 90 °F.  
Compressives @ 95 °F: 24 Hour is 4,700 psi

Top Out: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 3% bwoc Calcium Chloride + 44.3% fresh water.

##### c. Production Casing Cement:

- Drill 7-7/8" hole to 8,300'±, run and cement 5 1/2".
- Cement interface is at 4,000', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 3% KCL.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	160	3,700'-4,700'	11.5 ppg	3.12 CFS	175 CF	350 CF	100%
Tail	435	4,700'-8,300'	13.0 ppg	1.75 CFS	473 CF	946 CF	100%

Note: Caliper will be run to determine exact cement volume.

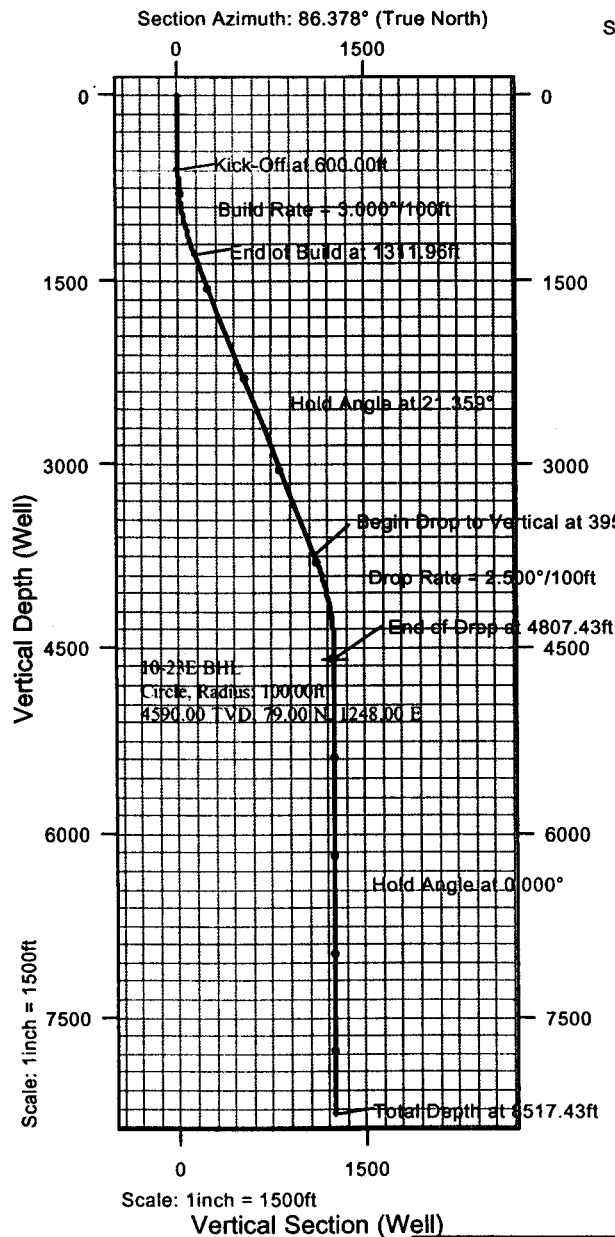
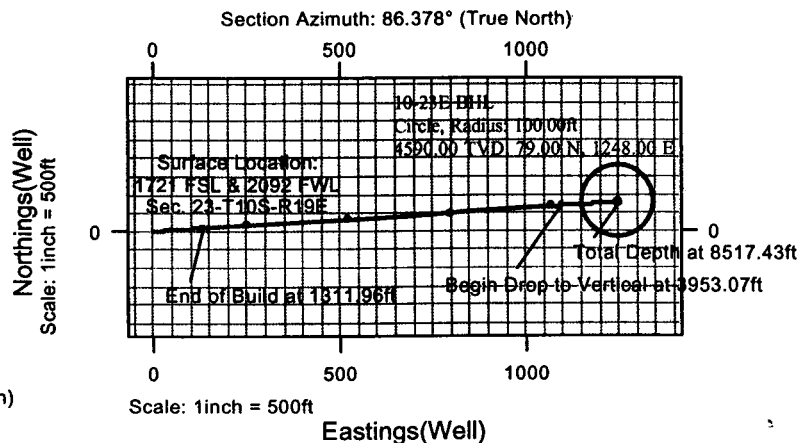
Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 3.12 cf/sack      Slurry weight: 11.60 #/gal.  
Water requirement: 17.71 gal/sack  
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.  
Slurry yield: 1.75 cf/sack      Slurry weight: 13.00 #/gal.  
Water requirement: 9.09 gal/sack  
Compressives @ 165°F: 905 psi after 24 hours

#### 13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: September 5, 2003  
Duration: 14 Days

Utah  
 Uintah County  
 Sec. 23-T10S-R19E  
 RBU 10-23E



RBU 10-23E Proposal Data							
Vertical Origin :	Well						
Horizontal Origin :	Well						
Measurement Units :	ft						
North Reference :	True North						
Dogleg severity :	Degrees per 100 feet (US Survey)						
Vertical Section Azimuth :	86.378°						
Vertical Section Description :	Well						
Vertical Section Origin :	0.00 N, 0.00 E						
Measured Depth	Incl.	Azlm.	Vertical Depth	Northings	Eastings	Vertical Section	Dogleg Rate
0.00	0.000	0.000	0.00	0.00 N	0.00 E	0.00	
600.00	0.000	0.000	600.00	0.00 N	0.00 E	0.00	0.000
1311.96	21.359	86.378	1295.59	8.29 N	130.91 E	131.17	3.000
3953.07	21.359	86.378	3755.29	69.06 N	1090.91 E	1093.09	0.000
4807.43	0.000	0.000	4590.00	79.00 N	1248.00 E	1250.50	2.500
8517.43	0.000	0.000	8308.00	79.00 N	1248.00 E	1250.50	0.000

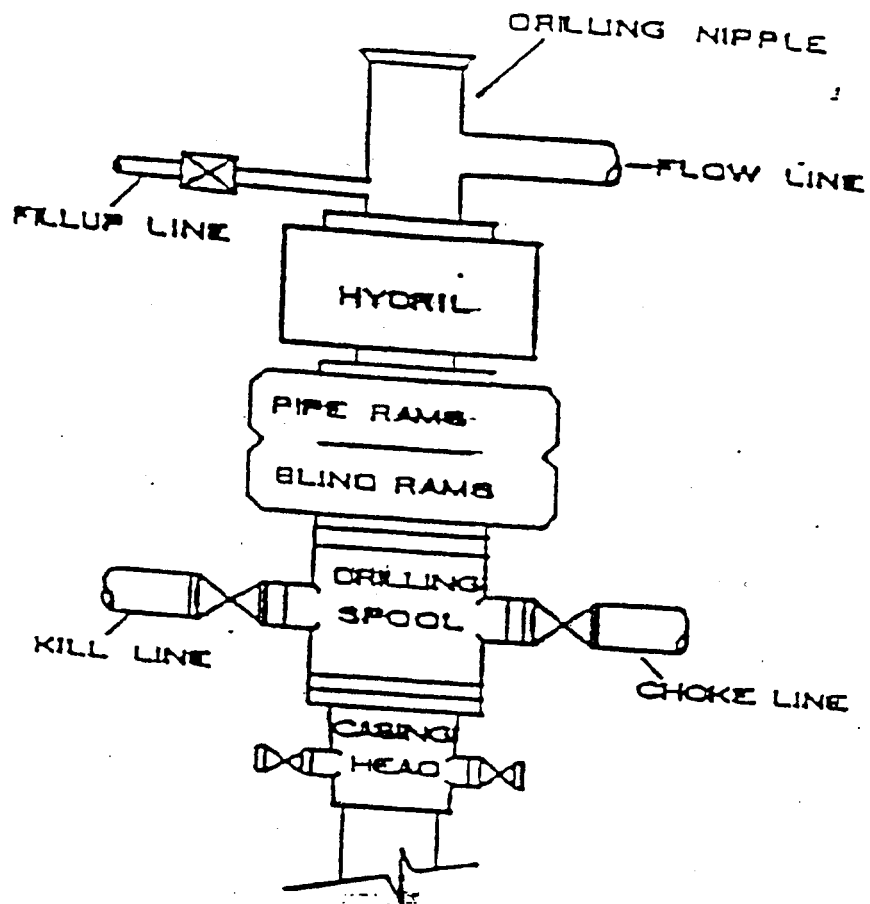
Prepared by:  
 Jay Lantz

Date/Time:  
 30 January, 2003 - 16:26

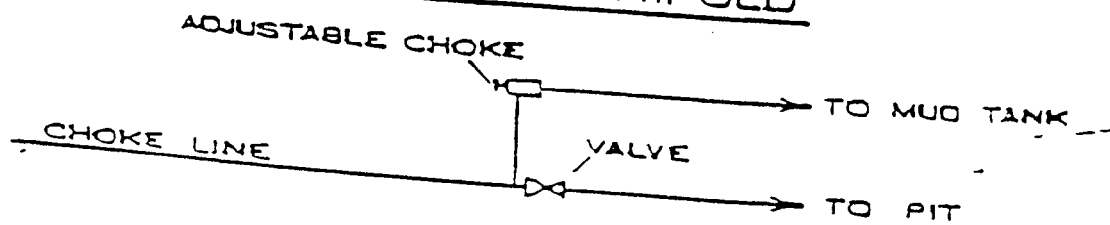
Checked:

Approved:

## BOP STACK



## CHOKE MANIFOLD



CONFIDENTIAL



**CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Dominion Exploration & Production, Inc.  
Well Name & Number: RBU 10-23E  
Lease Number: U-013766  
Location: 1721' FSL & 2092' FWL, NE/SW, Sec. 23,  
T10S, R19E, S.L.B.&M., Uintah County, Utah  
Surface Ownership: Federal

**NOTIFICATION REQUIREMENTS**

Location Construction - forty-eight (48) hours prior to construction  
of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice: - at least twenty-four (24) hours prior to  
spudding the well.

Casing String and  
Cementing - twenty-four (24) hours prior to running  
casing and cementing all casing strings.

BOP and related  
Equipment Tests - twenty-four (24) hours prior to running  
casing and tests.

First Production  
Notice - within five (5) business days after new  
Well begins or production resumes after  
Well has been off production for more  
than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of  
Approval for Notice to Drill and Surface Use Program.

## **THIRTEEN POINT SURFACE USE PROGRAM**

### **1. EXISTING ROADS**

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 20.3 miles south of Ouray, Utah - See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

### **2. PLANNED ACCESS ROAD**

- A. The pre-existing access road for the RBU 11-23 will be used to access the RBU 10-23E. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, Dominion Exploration & Production, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. **LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION**

A. Producing wells - 28\*

B. Shut in wells – 1\*

(\*See attached TOPO map “C” for location)

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

A. **ON WELL PAD**

1. Tank batteries – will be placed on the Northeast end of the location.
2. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, separator and dehy units with meter, 400 Bbl vertical, condensate tank, and attaching piping.
3. Gas gathering lines - A 4” gathering line will be buried from dehy to the edge of the location.

B. **OFF WELL PAD**

1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
2. A 4” OD steel above ground natural gas pipeline will be laid approximately 70’ on proposed location, where it will tie into Questar Pipeline Co.’s existing line. Proposed pipeline crosses Federal lands within the River Bend Unit, thus a Right-of -Way grant will not be required.
3. Proposed pipeline will be a 4” OD steel, welded line laid on the surface.
4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery.

The production facilities will be placed on the North end of the location.

‘All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities

required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Desert Brown.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

**5. LOCATION & TYPE OF WATER SUPPLY**

- A. Water source will be from Water Permit No. 43-10447 located in Sec. 9, T8S, R20E, Uintah County, Utah.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

**6. SOURCE OF CONSTRUCTION MATERIAL**

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Federal Land.
- C. No mineral materials will be required.

**7. METHODS OF HANDLING WASTE DISPOSAL**

**A. METHODS AND LOCATION**

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at Ace Disposal or MCMC Disposal.
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.

- B. Water from drilling fluids and recovered during testing operations will be

disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

**On BLM administered land:**

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

**The reserve pit shall be lined with Felt and Plastic liners**

**8. ANCILLARY FACILITIES**

A. No airstrips or camps are planned for this well.

**9. WELLSITE LAYOUT**

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.
- D. The approved seed mixture for this location is:
  - Galleta Grass - 4 pounds per acre
  - Gardner- 4 pounds per acre
  - Indian Rice Grass - 2 pounds per acre
  - Shad Scale - 2 pounds per acre

The reserve pit will be located on Southeast side of the location. The flare pit will be located downwind of the prevailing wind direction on the Southeast side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil will be stored separate from the location topsoil between Corners C and 5 and around the flare pit. The stockpiled location topsoil will be stored on the on the South corner of the location from the pit topsoil stockpile to Corner #7. The existing topsoil pile for the RBU 11-23 will be moved to the East of Corner #2, and then windrowed and seeded.

Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture for this location and then walked down with a cat.

Access to the well pad will be from the South.

Corner #2 will be rounded off to minimize excavation.

### **FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

## **10. PLANS FOR RESTORATION OF SURFACE**

### **A. PRODUCING LOCATION**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

Within six months after the well is completed the reserve pit will be filled and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

**B. DRY HOLE/ABANDONED LOCATION**

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

**11. SURFACE OWNERSHIP**

Access road: Federal

Location: Federal

**12. OTHER INFORMATION**

A. Dominion Exploration & Production, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:  
-whether the materials appear eligible for the National Register of Historic Places;

-the mitigation measures the operator will likely have to undertake before the site can be used.

-a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification

from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, Dominion Exploration & Production, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

**Additional Surface Stipulations**

None

**LESSEE'S OR OPERATOR'S REPRESENTATIVE**

---

**CONTACTS:**

**OPERATIONS**

Mitchiel Hall  
P.O. Box 1360  
Roosevelt, UT 84066  
Telephone: (435) 722-4521  
Fax : (435) 722-5004

**PERMITTING**

Ed Trotter  
P.O. Box 1910  
Vernal, UT 84078  
Telephone: (435) 789-4120  
Fax: (435) 789-1420

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. Dominion Exploration & Production, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

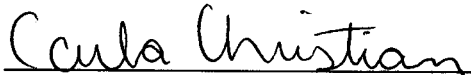
A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.



## SELF-CERTIFICATION STATEMENT

Under Federal regulation, effective June 15, 1988, designation of operator forms are no longer required when the operator is not the 100% record title holder. An operator is now required to submit a self-certification statement to the appropriate office stating that said operator has the right to operate upon the leasehold premises. Said notification may be in the following format:

Please be advised that **Dominion Exploration & Production, Inc.** is considered to be the operator of **Well No. 10-23E**, located in the **NE ¼ SW ¼ of Section 23, T10S, R19E in Uintah County; Lease No. U-013766**; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Travelers Casualty and Surety Company of America, Bond #76S 63050 0330.



Carla Christian

Regulatory Specialist

# DOMINION EXPLR. & PROD., INC.

RBU #10-23E

LOCATED IN UTAH COUNTY, UTAH

SECTION 23, T10S, R19E, S1L.B.&M.

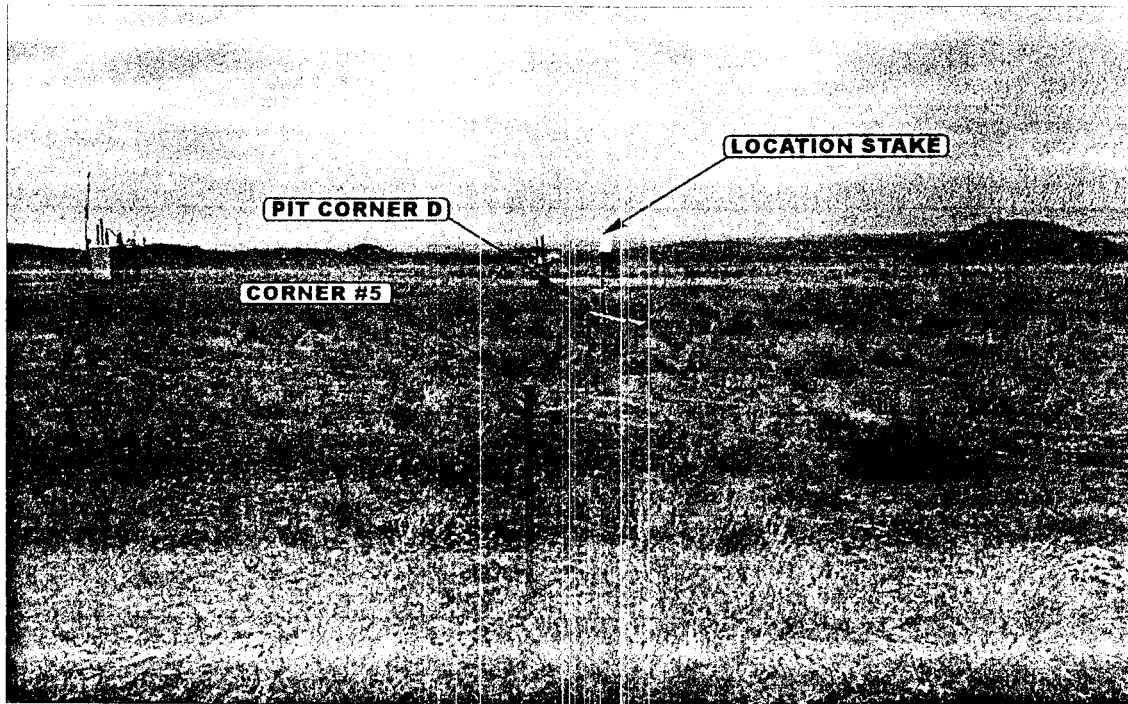


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

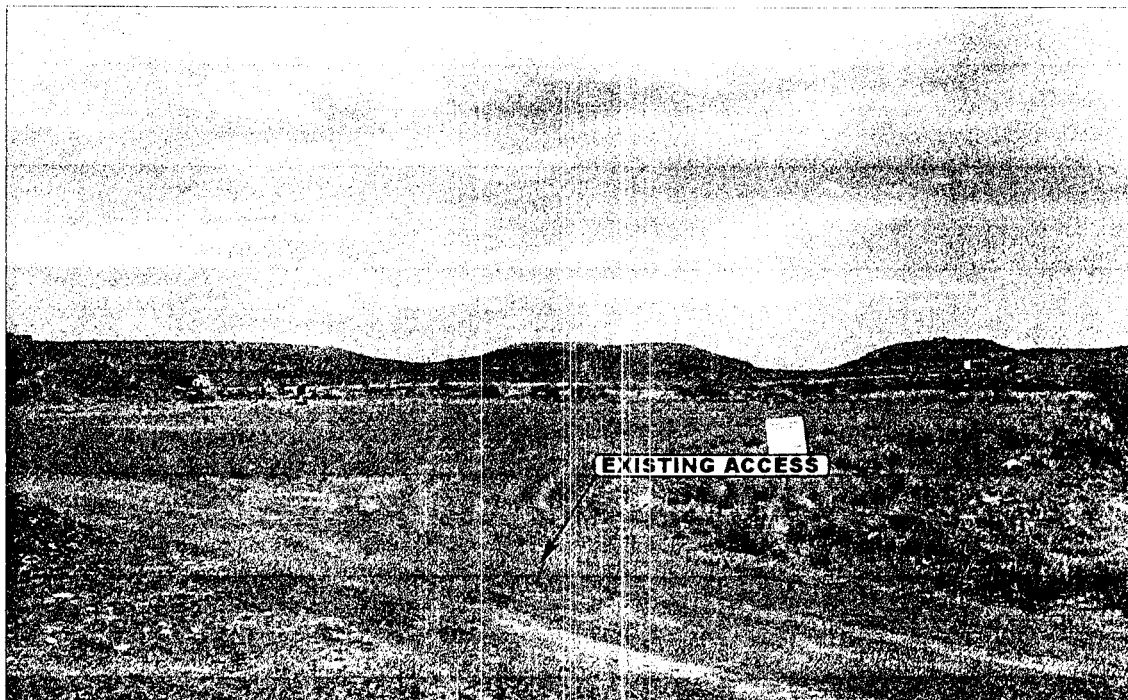


PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: EASTERLY



E&LS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

5 22 02  
MONTH DAY YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: P.M.

REVISED: 00-00-00

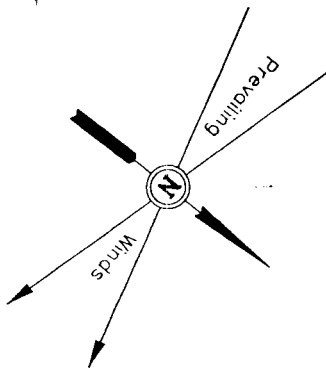
# DC INION EXPLR. & PROD., I.

## LOCATION LAYOUT FOR

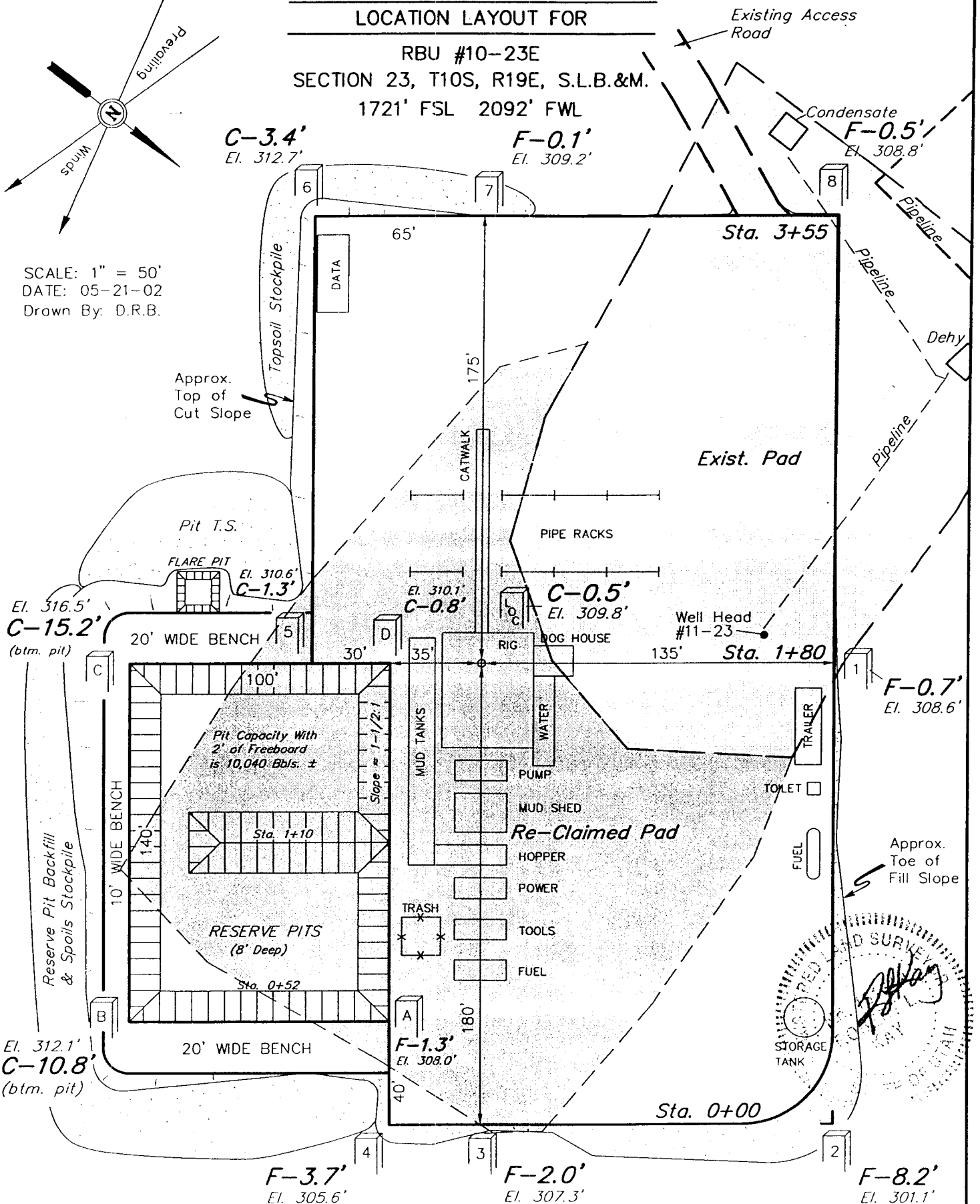
RBU #10-23E

SECTION 23, T10S, R19E, S.L.B.&M.

1721' FSL 2092' FWL



SCALE: 1" = 50'  
DATE: 05-21-02  
Drawn By: D.R.B.



Elev. Ungraded Ground at Location Stake = 5309.8'  
Elev. Graded Ground at Location Stake = 5309.3'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

08/06/2002 06:58 4357891420

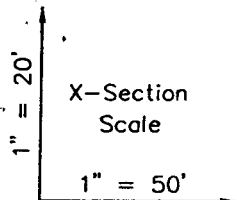
# UNION EXPLR. & PROD., I

## TYPICAL CROSS SECTIONS FOR

RBU #10-23E

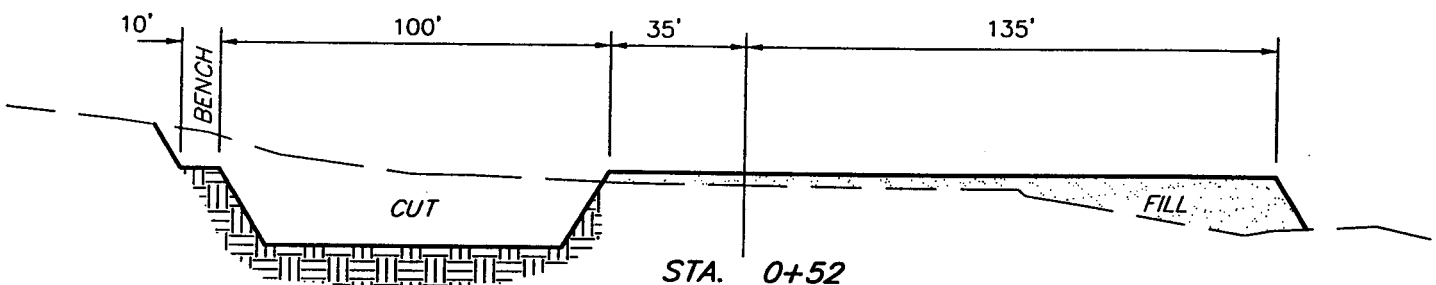
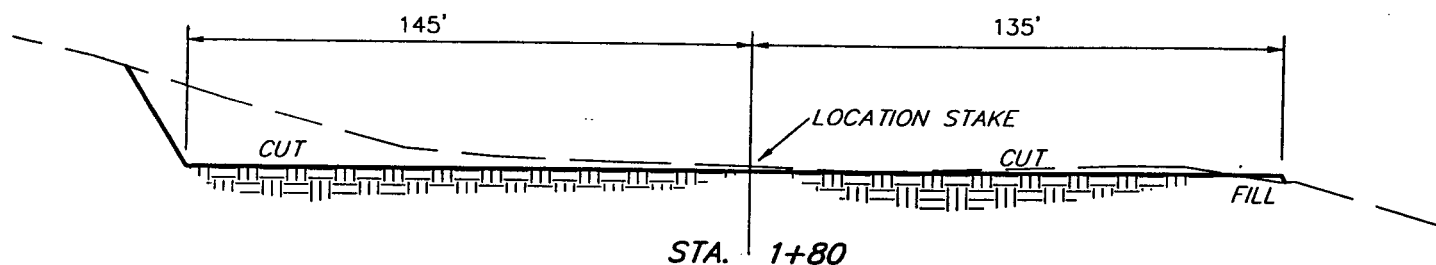
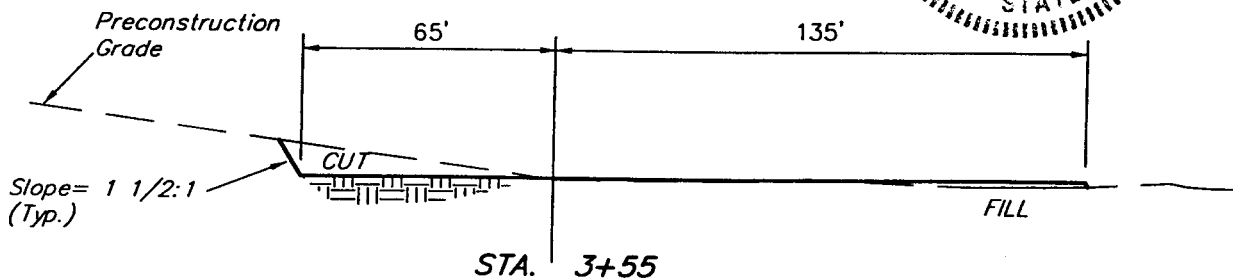
SECTION 23, T10S, R19E, S.L.B.&M.

1721' FSL 2092' FWL



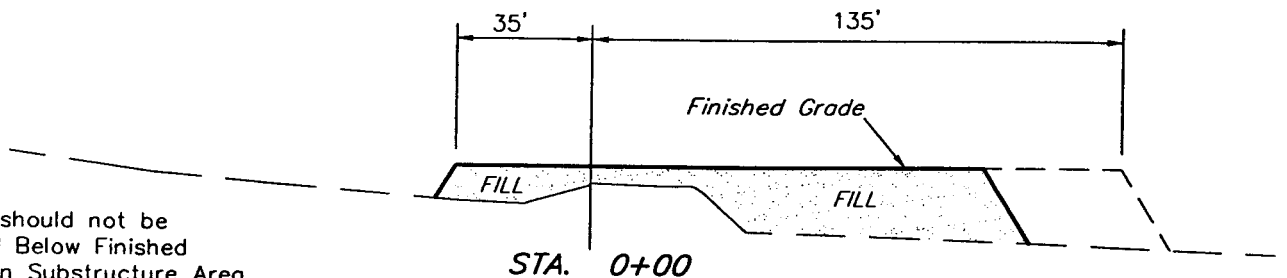
DATE: 05-21-02

Drawn By: D.R.B.



### NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.



### APPROXIMATE YARDAGES

#### CUT

(6") Topsoil Stripping = 1,570 Cu. Yds.

Remaining Location = 5,000 Cu. Yds.

TOTAL CUT = 6,570 CU.YDS.

FILL = 3,190 CU.YDS.

#### EXCESS MATERIAL AFTER

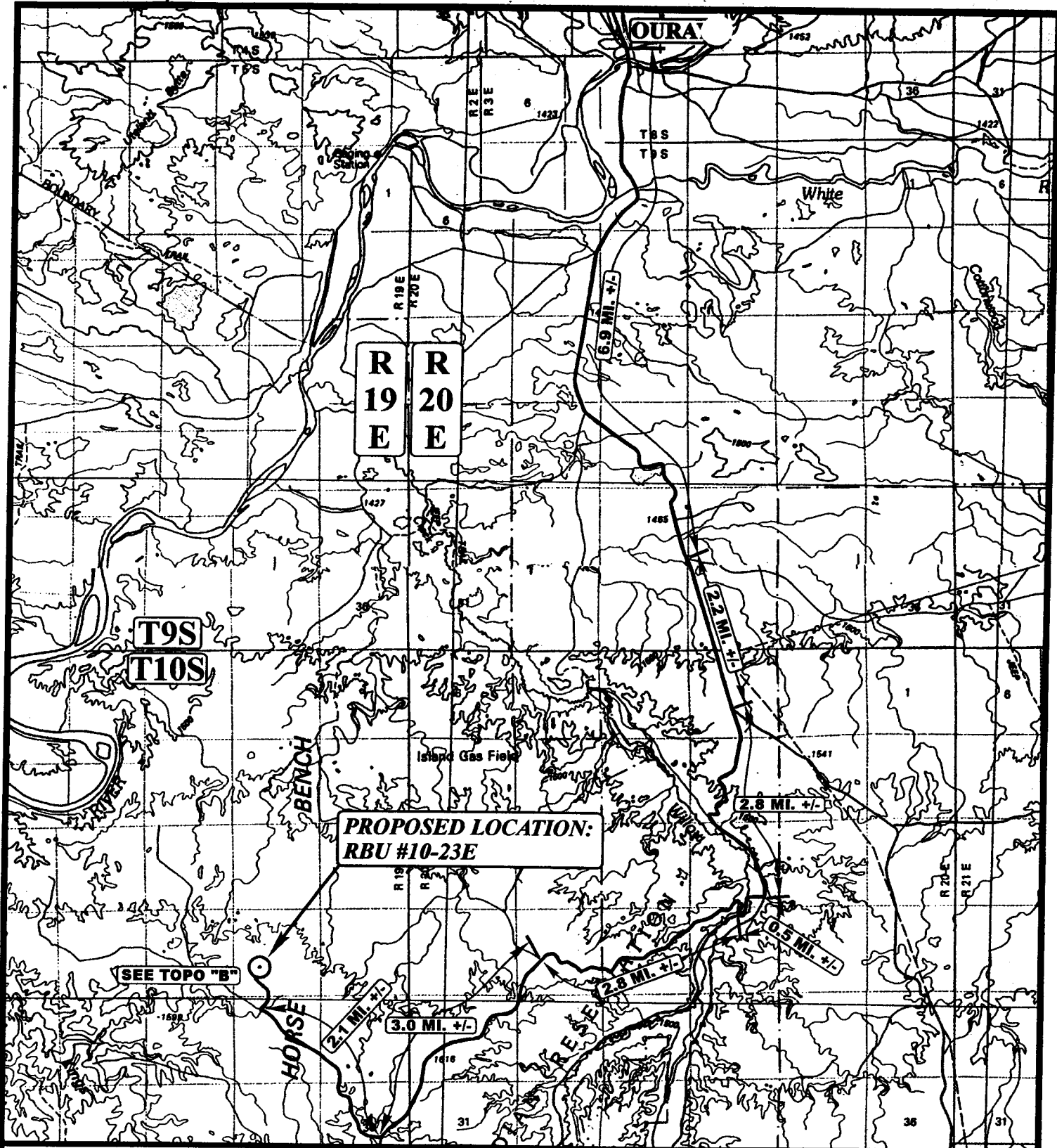
5% COMPACTION = 3,210 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,100 Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation) = 110 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



# **LEGEND:**

○ PROPOSED LOCATION



**DOMINION EXPLR. & PROD., INC.**

**RBU #10-23E**

**SECTION 23, T10S, R19E, S.L.B.&M.**

**1721' FSL 2092' FWL**



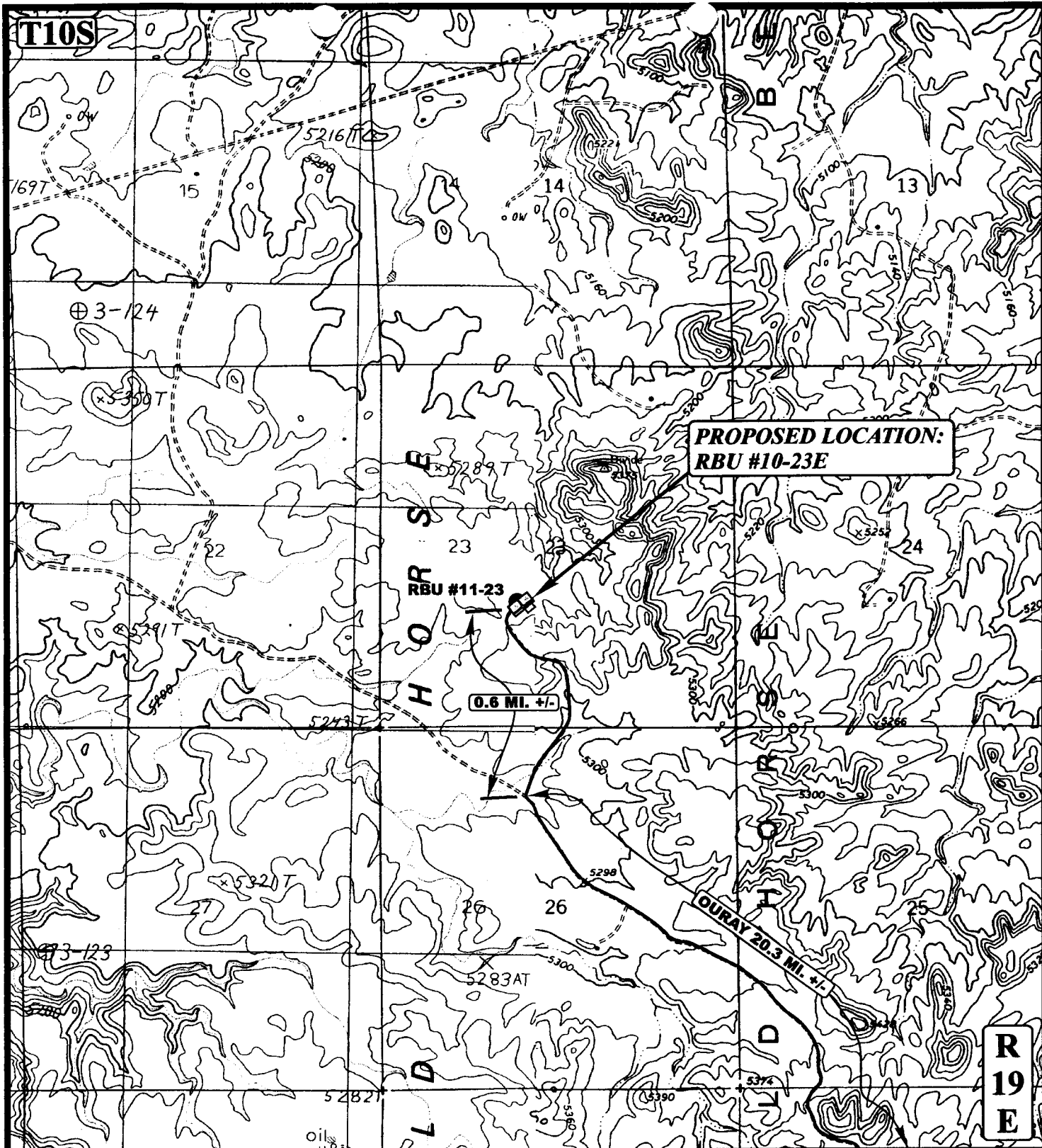
**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**5 22 02**  
MONTH DAY YEAR

**SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 00-00-00**





# **LEGEND:**

— EXISTING ROAD

N

**DOMINION EXPLR. & PROD., INC.**

**RBU #10-23E**

**SECTION 23, T10S, R19E, S.L.B.&M.**

**1721' FSL 2092' FWL**

**U E L S**

**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

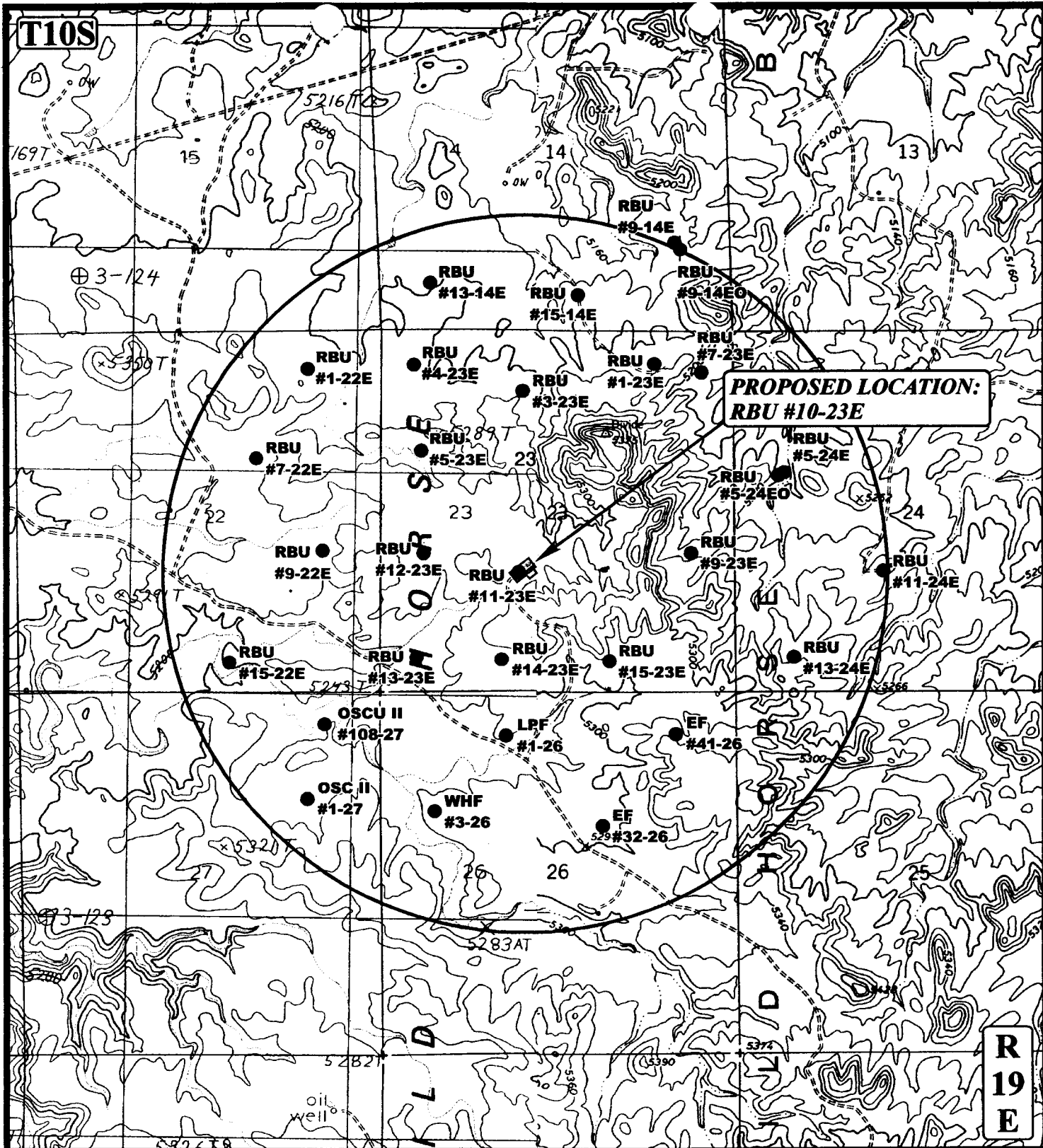
**TOPOGRAPHIC**  
**M A P**

**5 22 02**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00

**B**  
**TOPO**





# LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

## DOMINION EXPLR. & PROD., INC.

**RBU #10-23E**  
**SECTION 23, T10S, R19E, S.L.B.&M.**  
**1721' FSL 2092' FWL**



**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**5 22 02**  
 MONTH DAY YEAR

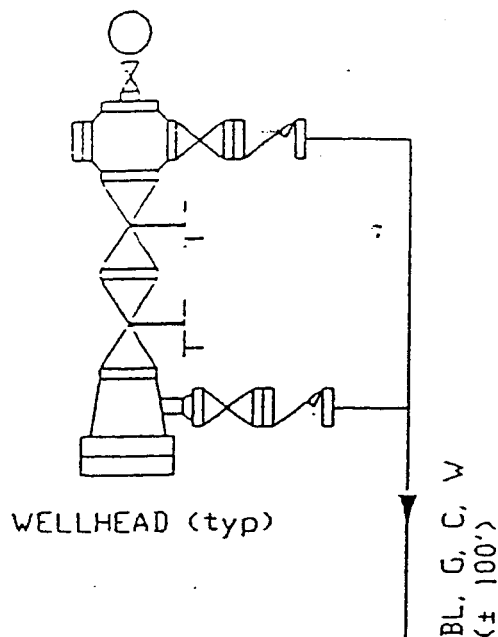
SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00





LEGEND

O = Oil Line  
 G = Gas Line  
 W = Water Line  
 R = Relief Line (Pressure)  
 C = Condensate Line  
 V = Vent Line  
 D = Drain Line  
 M = Gas Meter  
 P = Pump  
 BP = Back Pressure Valve  
 SWS = Sealed When Shipping  
 SUS = Sealed Unless Shipping  
 T = Heat Traced Line  
 H = Heater  
 BL = Buried Line  
 X = Valve  
 <img alt="Check Valve symbol" data-bbox="588 358 612 372"/> = Check Valve  
 SC = Sealed Closed Valve  
 NC = Normally Closed  
 BD = Blowdown Line



PIT  
30' x 30'  
(typ)

BD. BL

W. BL

SEP

GLYCOL  
REBOILER  
&  
CONTACT  
TOWER

GAS SALES LINE

±100'

BL. C

Relief

4 00 bbl Tank  
(condensate)

SC

SUS

The site security plan is on file in DEPI's district office located at 1400 N. State St., Roosevelt, Utah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..

DOMINION EXPLORATION & PRODUCTION, INC.

well:

RIVER BEND FIELD, UINTA COUNTY

not to scale

ARBA/LOW1SEP

TYPICAL FLOW DIAGRAM

date: / /

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/10/2003

API NO. ASSIGNED: 43-047-34891

WELL NAME: RBU 10-23EOPERATOR: DOMINION EXPL & PROD ( N1095 )CONTACT: CARLA CHRISTIANPHONE NUMBER: 405-749-5263

## PROPOSED LOCATION:

NESW 23 100S 190E

SURFACE: 1721 FSL 2092 FWL

NWSE BOTTOM: 1800 FSL 1850 FEL

UINTAH

NATURAL BUTTES ( 630 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-013766

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

INSPECT LOCATN BY: / /

**Tech Review****Initials****Date**

Engineering

Geology

Surface

LATITUDE: 39.93009

LONGITUDE: 109.75037

## RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
 (No. 76S630500330 )

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit  
 (No. 43-10447 )

☒ RDCC Review (Y/N)  
 (Date: )

☒ Fee Surf Agreement (Y/N)

## LOCATION AND SITING:

\_\_\_ R649-2-3.

Unit RIVER BEND ☒

\_\_\_ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

\_\_\_ R649-3-3. Exception

\_\_\_ Drilling Unit

Board Cause No: \_\_\_\_\_

Eff Date: \_\_\_\_\_

Siting: \_\_\_\_\_

☒ R649-3-11. Directional Drill

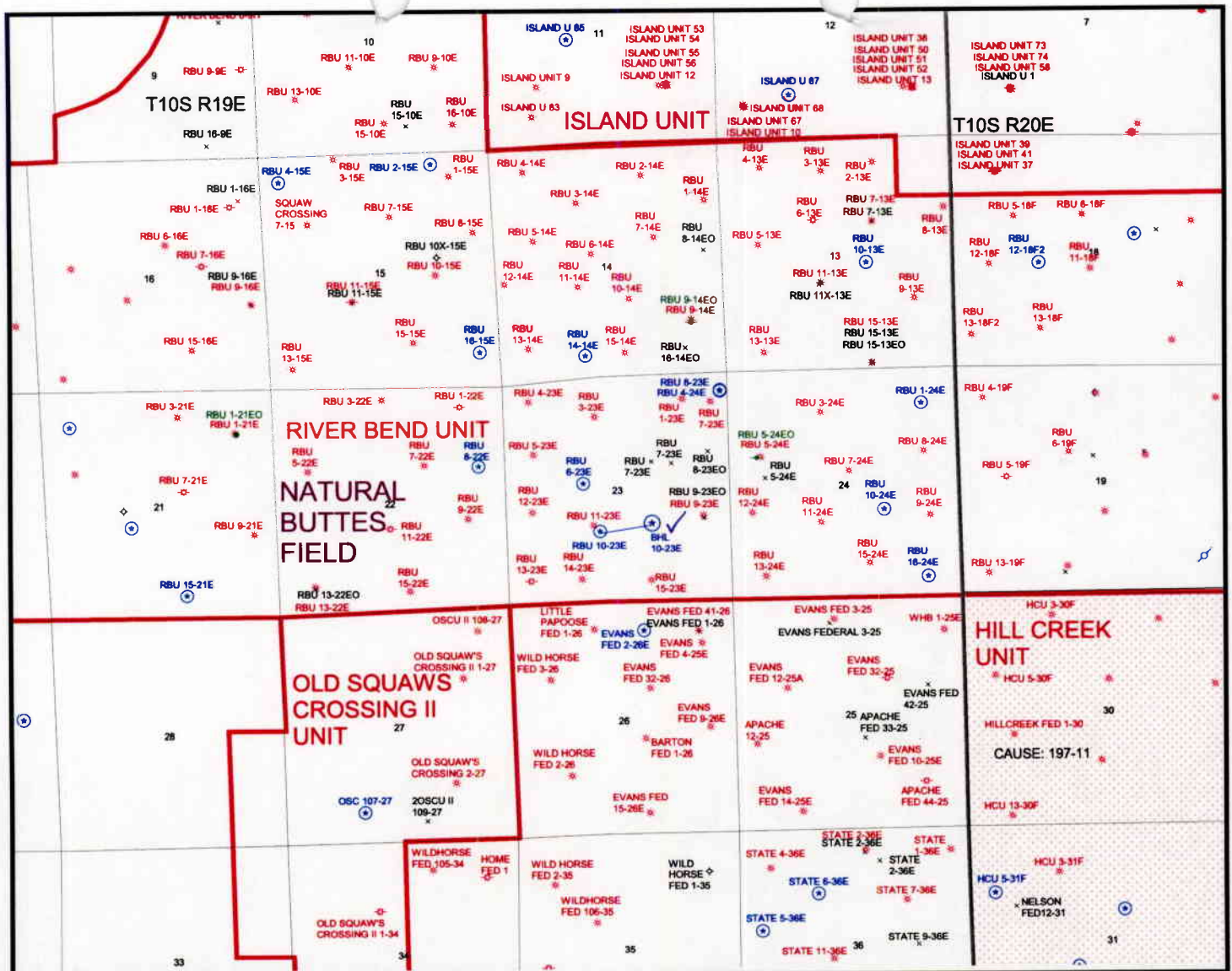
## COMMENTS:

## STIPULATIONS:

1. federal approval

2. Spacing stip

3. Directional Drill



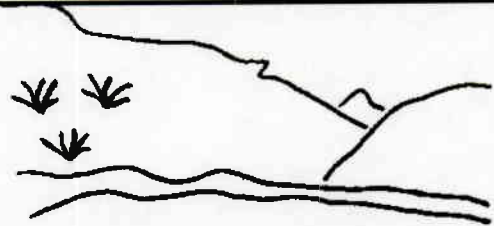
OPERATOR: DOMINION EXPL & PROD (N1095)

SEC. 23 T10S, R19E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

SPACING: R649-3-11 / DIRECTIONAL DRILLING



Utah Oil Gas and Mining

#### WELLS

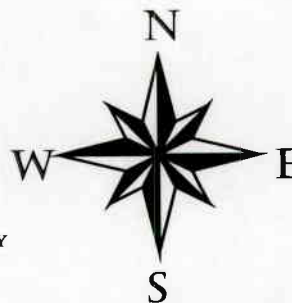
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

#### UNIT STATUS

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHEML
- PP OIL
- SECONDARY
- TERMINATED

#### FIELD STATUS

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED
- COUNTY BOUNDARY
- SECTION LINES
- TOWNSHIP LINES



PREPARED BY: DIANA MASON  
DATE: 12-FEBRUARY-2003



February 5, 2003

Attn: Dianna Mason  
Utah Division of Oil & Gas Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

Reference: Exception to Location & Sitting of Well  
RBU 10-23E, Section 23-10S-19E  
Surface Location 1721' FSL & 2092' FWL, NE/SW  
Bottom Location 1800' FSL & 1850' FEL, NW/SE  
Uintah County, Utah

Dear Ms. Mason:

Dominion Exploration & Production, Inc. is requesting an exception to Rule 649-3-11 for the above referenced well, due to directional drilling. The well is greater than 920' from any other well capable of producing. Dominion Exploration & Production, Inc. is the only owner within a 460' radius from all points along the intended well bore.

If you should require additional information please feel free to contact me at (405) 749-5263.

Sincerely,

Dominion Exploration & Production, Inc.

Carla Christian  
Regulatory Specialist

Enclosure

**RECEIVED**

**FEB 10 2003**

**DIV. OF OIL, GAS & MINING**

## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

February 12, 2003

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2003 Plan of Development River Bend Unit,  
Uintah County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2003 within the River Bend Unit, Uintah County, Utah.

Api Number	Well	Location
------------	------	----------

(Proposed PZ Wasatch)

43-047-34892	RBU 8-22E Sec. 22	T10S R19E 1882 FNL 0550 FEL
43-047-34889	RBU 16-24E Sec. 24	T10S R19E 0463 FSL 0772 FEL
43-047-34891	RBU 10-23E Sec. 23	T10S R19E 1721 FSL 2092 FWL
		BHL 1800 FSL 1850 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - River Bend Unit  
Division of Oil Gas and Mining  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:2-12-3



**State of Utah**  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
 Governor

Robert L. Morgan  
 Executive Director

Lowell P. Braxton  
 Division Director

1594 West North Temple, Suite 1210  
 PO Box 145801  
 Salt Lake City, Utah 84114-5801  
 (801) 538-5340 telephone  
 (801) 359-3940 fax  
 (801) 538-7223 TTY  
[www.nr.utah.gov](http://www.nr.utah.gov)

February 13, 2003

Dominion Exploration & Production, Inc.  
 14000 Quail Springs Parkway, Suite 600  
 Oklahoma City, OK 73134

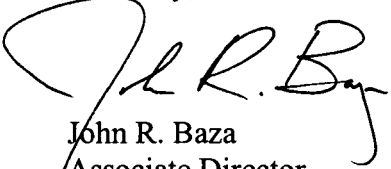
Re: River Bend Unit 10-23E Well, Surface Location 1721' FSL, 2092' FWL, NE SW,  
Sec. 23, T. 10 South, R. 19 East, Bottom Location 1800' FSL, 1850 FEL, NW SE,  
Sec. 23, T. 10 South, R. 19 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34891.

Sincerely,

  
 John R. Baza  
 Associate Director

pb

Enclosures

cc: Uintah County Assessor  
 Bureau of Land Management, Uintah District Office

**Operator:** Dominion Exploration & Production, Inc.  
**Well Name & Number** River Bend Unit 10-23E  
**API Number:** 43-047-34891  
**Lease:** U-013766

**Surface Location:** NE SW      **Sec.** 23      **T.** 10 South      **R.** 19 East  
**Bottom Location:** NW SE      **Sec.** 23      **T.** 10 South      **R.** 19 East

### **Conditions of Approval**

#### **1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### **2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

#### **3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

#### **4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

#### **5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.**

#### **6. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

607

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESCRIPTION AND SERIAL NO. U-013766	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Dominion Exploration & Production, Inc.		7. UNIT AGREEMENT NAME River Bend Unit	
3. ADDRESS AND TELEPHONE NO. 14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134		8. FARM OR LEASE NAME, WELL NO. RBU 10-23E	
4. LOCATION OF WELL (Report location clearly and in accordance with any state requirements.) At surface 1721' FSL & 2092' FWL, NE/SW At proposed prod. zone 1800' FSL & 1850' FEL, NW/SE		9. API NUMBER	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20.3 miles South of Ouray		10. FIELD AND POOL, OR WILDCAT Natural Buttes	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1800'	16. NO. OF ACRES IN LEASE 2,240'	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 23-10S-19E	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1248'	19. PROPOSED DEPTH 8,300'	12. COUNTY OR PARISH Uintah	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5310'		13. STATE UT	
		17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
		20. ROTARY OR CABLE TOOLS R	
		22. APPROX. DATE WORK WILL START* 05-Sep-03	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8" H-40	48#	500'	450 Sx
12 1/4"	8 5/8" J-55	32#	2,200'	845 Sx
7 7/8"	5 1/2" MAV 80	17#	8,300'	595 Sx

Thirteen Point Surface Program and Drilling Plan Approval of Operations are attached.

Dominion requests that this complete application for permit to drill be held confidential.

BLM Bond  
WY3322  
RECEIVED  
FEB 06 REC'D

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Carla Christian TITLE Regulatory Specialist DATE 02/05/03  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

NOTICE OF APPROVAL

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Handwritten Signature TITLE Assistant Field Manager Mineral Resources DATE 04/10/2003

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

CONDITIONS OF APPROVAL ATTACHED APR 15 2003

DIV. OF OIL, GAS & MINING

02P50297A



CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Dominion E&P Inc..

Well Name & Number: River Bend Unit 10-23E

API Number: 43-047-34891

Lease Number: U-013766

Location: NWSE Sec. 23 T.10S R. 19E

Agreement: River Bend Unit

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

**CONDITIONS OF APPROVAL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to John Mayers of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 3M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

3. Casing Program and Auxiliary Equipment

All waiting on cement times must be adequate to achieve 500 psi compressive strength at the casing shoe prior to drilling out.

4. Mud Program and Circulating Medium

None

5. Coring, Logging and Testing Program

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing

**Please submit to this office, in LAS format, an electronic copy of all logs run on this well This submission will replace the requirement for submittal of paper logs to the BLM.**

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

6. Notifications of Operations

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.  
All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

**CONDITIONS OF APPROVAL**  
**FOR THE SURFACE USE PROGRAM OF THE**  
**APPLICATION FOR PERMIT TO DRILL**

-The top soil pile, reclamation of the reserve pit, and final abandonment would be seeded with the following seed mix:

Gardner Saltbush	Atriplex gardneri	4 lbs./acre
Shadscale	Atriplex confertifolia	2 lbs./acre
Indian Rice Grass	Oryzopsis hymenoides	2 lbs./acre
Galleta Grass	Hilaria jamesii	4 lbs/acre

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address

Suite 600

14000 Quail Springs Parkway, OKC, OK 73134

3b. Phone No. (include area code)

(405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface 1721' FSL & 2092' FWL, NE/SW, Sec. 23-10S-19E

Bottom 1800' FSL & 1850' FEL, NW/SE Sec. 23-10S-19E

5. Lease Serial No.

U-013766

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

River Bend Unit

8. Well Name and No.

RBU 10-23E

9. API Well No.

43-047-34891

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Well
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

9/04/03 Spud Well.

9/05/03 ran 12 jts. 13 3/8", 48#, J-55 csg., set @ 520.6'. Cemented w/475 sks Prem Plus. Bumped plug, floats held, circulated 21 bbls of cmt. To surface. As of 9/9/03 WODU.

RECEIVED

SEP 16 2003

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Carla Christian

Title Regulatory Specialist

Signature

Carla Christian

Date 09/09/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

015

**ENTITY ACTION FORM**

Operator: Dominion Exploration & Production, Inc.  
Address: 14000 Quail Springs Parkway, Suite 600  
city Oklahoma City  
state Ok zip 73134

Operator Account Number: N 0605

Phone Number: (405) 749-1300

**Well 1**

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-047-34891	RBU 10-23E	NESW	23	10S	19E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
<i>AB</i>	<i>99999</i>	<i>7050</i>	9/4/2003	<i>9/18/03</i>		
Comments: <i>MVRD</i>						

**Well 2**

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

**Well 3**

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

**RECEIVED**

**SEP 16 2003**

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Carla Christian DIV. OF OIL, GAS & MINING

Name (Please Print)

*Carla Christian*

Signature

Regulatory Specialist

Title

9/9/2003

Date

*e*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135

Expires: November 30, 2000

009

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

CONFIDENTIAL

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address

Suite 600

14000 Quail Springs Parkway, OKC, OK 73134

3b. Phone No. (include area code)

(405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface 1721' FSL & 2092' FWL, NE/SW, Sec. 23-10S-19E

Bottom 1800' FSL & 1850' FEL, NW/SE Sec. 23-10S-19E

5. Lease Serial No.

U-013766

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

River Bend Unit

8. Well Name and No.

RBU 10-23E

9. API Well No.

43-047-34891

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

**TYPE OF SUBMISSION**

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

**TYPE OF ACTION**

☐

Acidize

☐

Altering Casing

☐

Casing Repair

☐

Change Plans

☐

Convert to Injection

☐

Deepen

☐

Fracture Treat

☐

New Construction

☐

Plug and Abandon

☐

Plug Back

☐

Production (Start/Resume)

☐

Reclamation

☐

Recomplete

☐

Temporarily Abandon

☐

Water Disposal

☐

Water Shut-Off

☐

Well Integrity

☒

Other

Drilling Operations

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

9/22/03 Moved in drilling unit. 9/22 thru 9/24 drilled f/523' to 1600'.

9/24/03 obtained verbal approval from Ed Forsman to change intermediate casing f/8 5/8" to 9 5/8" and to set @ 2,800'.

Cmt. Volumes for the intermediate will be 684 sks. Top out was also removed from intermediate. Production csg.

will be set @ 8517' and cemented w/864 sks.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Carla Christian

Title Regulatory Specialist

Signature

Carla Christian

Date 09/25/2003

Approved by

Title

Date

Conditions of approval. If any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

SEP 29 2003

DIV. OF OIL, GAS & MINING



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

CONFIDENTIAL

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address Suite 600  
14000 Quail Springs Parkway, OKC, OK 73134

3b. Phone No. (include area code)  
(405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface 1721' FSL & 2092' FWL, NE/SW, Sec. 23-10S-19E

Bottom 1800' FSL & 1850' FEL, NW/SE Sec. 23-10S-19E

5. Lease Serial No.

U-013766

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

River Bend Unit

8. Well Name and No.

RBU 10-23E

9. API Well No.

43-047-34891

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen, directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

9/25/03 thru 9/27/03 drill f/1600' thru 2832'.

9/27/03 ran 9 5/8", 36#, J-55, ST&C, 8rd csg., set @ 2804'. Cemented lead w/340 sks Hifil V, tailed w/290 sks Prem AG 300. Lost returns w/10 bbls of displacement left to pump, pressure was good, bumped the plug.

9/28/03 thru 10/01/03 drill f/2832' - 7518'.

RECEIVED

OCT 0 / 2003

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Carla Christian

Title Regulatory Specialist

Signature

Carla Christian

Date 10/02/2003

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

011

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address Suite 600  
14000 Quail Springs Parkway, OKC, OK 73134  
3b. Phone No. (include area code) (405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface 1721' FSL & 2092' FWL, NE/SW, Sec. 23-10S-19E

Bottom 1800' FSL & 1850' FEL, NW/SE Sec. 23-10S-19E

5. Lease Serial No.

U-013766

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

River Bend Unit

8. Well Name and No.

RBU 10-23E

9. API Well No.

43-047-34891

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

10/02/03 thru 10/06/03 drill from 7518' to 8470'. TOOH for loggers.  
10/07/03 ran 201 jts. 5 1/2", M-80, LT&C, 8rd, 17# csg., set @ 8463'. Cemented lead w/100 sks Hi-Fill V, tailed w/775 sks HLC V. Bumped plug, floats held, rig down.  
10/09/03 ran cement bond log, TOC @ 3165'.  
10/13/03 perfing and fracing well.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Carla Christian

Title Regulatory Specialist

Signature

Carla Christian

Date 10/13/2003

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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RECEIVED

OCT 20 2003

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

012

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an**  
**abandoned well. Use Form 3160-3 (APD) for such proposals.**

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

CONFIDENTIAL

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address Suite 600  
14000 Quail Springs Parkway, OKC, OK 73134

3b. Phone No. (include area code)  
(405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface 1721' FSL & 2092' FWL, NE/SW, Sec. 23-10S-19E

Bottom 1800' FSL & 1850' FEL, NW/SE Sec. 23-10S-19E

5. Lease Serial No.

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6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

River Bend Unit

8. Well Name and No.

RBU 10-23E

9. API Well No.

43-047-34891

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Altering Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other

Drilling Operations

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

10/14/03 thru 10/17/03 finished perfing and fracing well.  
10/22/03 First sales.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Carla Christian

Title Regulatory Specialist

Signature

Carla Christian

Date 10/24/2003

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

OCT 28 2003

013

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
 Dominion Exploration & Production, Inc.

3a. Address Suite 600  
 14000 Quail Springs Parkway, OKC, OK 73134

3b. Phone No. (include area code)  
 (405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 Surface 1721' FSL & 2092' FWL, NE/SW, Sec. 23-10S-19E  
 Bottom 1800' FSL & 1850' FEL, NW/SE Sec. 23-10S-19E

5. Serial No.  
 U-013766

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
 River Bend Unit

8. Well Name and No.  
 RBU 10-23E

9. API Well No.  
 43-047-34891

10. Field and Pool, or Exploratory Area  
 Natural Buttes

11. County or Parish, State  
 Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other

Cement between the Annulus.

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

11/4/03 RU Halliburton to the annulus between the 13 3/8" and 8 5/8" csg., pumped lead 115 sks of AG-300, 12% cal seal, 3 % cac12, tailed w/275 sks HCL Type "V", 65% cmt, 35% poz, 6% gel, 1% Ex-1, 6% Halad-322.  
 Filled annulus.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) Carla Christian	Title Regulatory Specialist
Signature <i>Carla Christian</i>	Date 11/06/2003

Approved by	Title	Date
Conditions of approval. If any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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 NOV 10 2003  
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**UNDERGROUND INTELLIGENCE™**

Directional & Horizontal Drilling Systems

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***Dominion Exploration and Production***  
***Natural Buttes Field, Uintah County, Utah***  
***(River Bend Unit) RBU #10-23E***  
***Section 23, T10S, R19E***  
***A. P. I. # 43-047-34891***  
**Final Well Report**

WE HEREBY CERTIFY THAT THE DATA CONTAINED IN THIS REPORT FROM 0 FT.  
TO 8470 FT. BY OUR DIRECTIONAL CONSULTANT, REPRESENTS TO THE BEST OF  
OUR KNOWLEDGE, A TRUE AND ACCURATE SURVEY OF THE WELL AT THE TIME THE  
SURVEY WAS RUN.

  
CERTIFIED BY

10/14/03  
DATE

108 Banks Avenue • Lafayette, LA 70506 • Phone: (337) 264-1035  
18231 Ammi Trail • Houston, TX 77060 • Phone: (281) 443-1414  
530 – 8<sup>th</sup> Avenue S.W. • Calgary, Alberta, Canada T2P 3S8 • Phone: 403-269-5981  
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***AS DRILLED***

***RBU #10-23E***

***A. P. I. # 43-047-34891***

***SECTION 23, T10S, R19E***

***Uintah County, Utah***

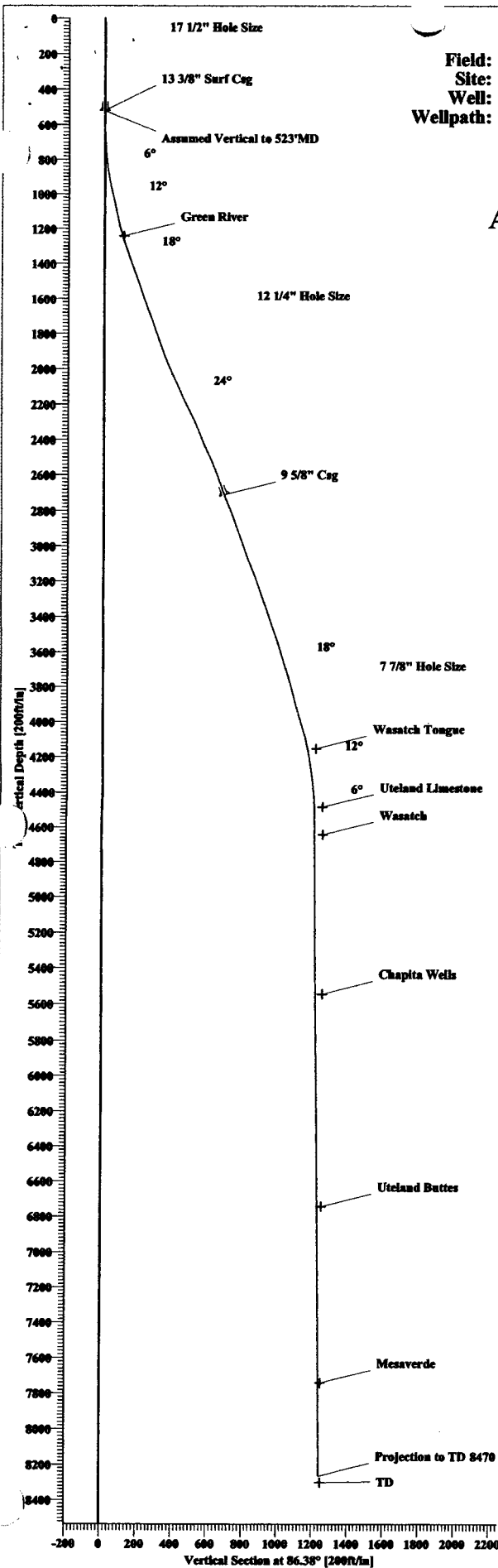
108 Banks Avenue • Lafayette, LA 70506 • Phone: (337) 264-1035  
18231 Ammi Trail • Houston, TX 77060 • Phone: (281) 443-1414  
530 – 8<sup>th</sup> Avenue S.W. • Calgary, Alberta, Canada T2P 3S8 • Phone: 403-269-5981  
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Dominion<sup>SM</sup>

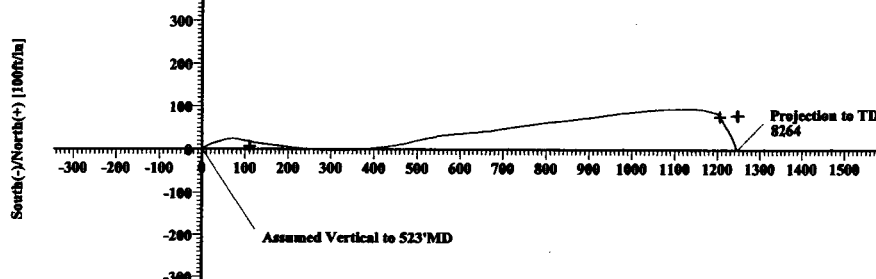
Field: Natural Buttes, Uintah Co., Utah  
 Site: River Bend Unit  
 Well: RBU #10-23E  
 Wellpath: OH  
 SEC. 23, T10S, R19E  
 A.P.I. # 43-047-34891

## AS DRILLED



## WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
RBU #10-23E	0.00	0.00	586419.27	2490324.85	39°55'48.770N	109°45'05.030W	N/A



## West(-)/East(+) [100ft/in]

## TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Green River	1241.00	7.00	110.56	586426.27	2490435.41	39°55'48.818N	109°45'03.609W	Point
Wasatch Tongue	4151.00	76.31	1205.45	586495.58	2491530.30	39°55'49.291N	109°44'49.539W	Point
Uteland Limestone	4481.00	78.83	1245.36	586498.10	2491570.21	39°55'49.308N	109°44'49.026W	Point
Wasatch	4641.00	79.00	1248.00	586498.27	2491572.85	39°55'49.309N	109°44'48.992W	Point
Chapita Wells	5541.00	79.00	1248.00	586498.27	2491572.85	39°55'49.309N	109°44'48.992W	Point
Uteland Buttes	6741.00	79.00	1248.00	586498.27	2491572.85	39°55'49.309N	109°44'48.992W	Point
Mesaverde	7741.00	79.00	1248.00	586498.27	2491572.85	39°55'49.309N	109°44'48.992W	Point
TD	8300.00	79.00	1248.00	586498.27	2491572.85	39°55'49.309N	109°44'48.992W	Point

## CASING DETAILS

No.	TVD	MD	Name	Size
1	520.00	520.00	13 3/8" Surf Cag	13.375
2	2708.02	2832.00	9 5/8" Cag	9.625

## FIELD DETAILS

Natural Buttes, Uintah Co., Utah  
 Uintah Co., Utah  
 USA

Geodetic System: US State Plane Coordinate System 1927  
 Ellipsoid: NAD27 (Clarke 1866)  
 Zone: Utah, Central Zone  
 Magnetic Model: Igr2000

System Datum: Mean Sea Level  
 Local North: Grid North

## SITE DETAILS

River Bend Unit  
 Sec 23-T10S-R19E

Site Centre Latitude: 39°55'48.770N  
 Longitude: 109°45'05.030W

Ground Level: 5309.00  
 Positional Uncertainty: 0.00  
 Convergence: 1.12

## WELLPATH DETAILS

## Projection to TD

Rig:			
Ref. Datum:	RKB est.	5325.00ft	
V.Section Angle	Origin +N/-S	Origin +E/-W	Starting From TVD
86.38°	0.00	0.00	0.00



Azimuths to Grid North  
 True North: -1.12°  
 Magnetic North: 11.26°

Magnetic Field  
 Strength: 53170nT  
 Dip Angle: 66.01°  
 Date: 10/14/2003  
 Model: Igr2000



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 UNDERGROUND INTELLIGENCE™

Wellpath: (RBU #10-23E/Projection to TD)

Created By: Robbie Melancon

Date: 10/14/2003

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# ***Survey Report - Standard***

***RBU #10-23E***

***A. P. I. # 43-047-34891***

***SECTION 23, T10S, R19E***

***Uintah County, Utah***

108 Banks Avenue • Lafayette, LA 70506 • Phone: (337) 264-1035  
18231 Ammi Trail • Houston, TX 77060 • Phone: (281) 443-1414  
530 – 8<sup>th</sup> Avenue S.W. • Calgary, Alberta, Canada T2P 3S8 • Phone: 403-269-5981  
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# Ryan Energy Survey Report

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Company: Dominion Exploration & Product  
Field: Natural Buttes, Uintah Co., Utah  
Site: River Bend Unit  
Well: RBU #10-23E  
Wellpath: OH

Date: 10/14/2003 Time: 15:52:41 Page: 1  
Co-ordinate(NE) Reference: Site: River Bend Unit, Grid North  
Vertical (TVD) Reference: RKB est. 5325.0  
Section (VS) Reference: Well (0.00N,0.00E,86.38Azi)  
Survey Calculation Method: Minimum Curvature Db: Sybase

Field: Natural Buttes, Uintah Co., Utah  
Uintah Co., Utah  
USA

Map System: US State Plane Coordinate System 1927  
Geo Datum: NAD27 (Clarke 1866)  
Sys Datum: Mean Sea Level

Map Zone: Utah, Central Zone  
Coordinate System: Site Centre  
Geomagnetic Model: igrf2000

Site: River Bend Unit

Sec 23-T10S-R19E

Site Position: Northing: 586419.27 ft Latitude: 39 55 48.770 N  
From: Geographic Easting: 2490324.85 ft Longitude: 109 45 5.030 W  
Position Uncertainty: 0.00 ft North Reference: Grid  
Ground Level: 5309.00 ft Grid Convergence: 1.12 deg

Well: RBU #10-23E  
A.P.I. # 43-047-34891

Slot Name:

Well Position: +N/-S 0.00 ft Northing: 586419.27 ft Latitude: 39 55 48.770 N  
+E/-W 0.00 ft Easting: 2490324.85 ft Longitude: 109 45 5.030 W  
Position Uncertainty: 0.00 ft

Wellpath: OH

Current Datum: RKB est. Height 5325.00 ft  
Magnetic Data: 10/14/2003  
Field Strength: 53170 nT  
Vertical Section: Depth From (TVD) ft  
Drilled From: Surface  
Tie-on Depth: 0.00 ft  
Above System Datum: Mean Sea Level  
Declination: 12.38 deg  
Mag Dip Angle: 66.01 deg  
+N/-S ft  
+E/-W ft  
Direction deg  
0.00 0.00 0.00 86.38

## Survey Program for Definitive Wellpath

Date: 10/14/2003 Validated: No Version: 0  
Actual From To Survey Toolcode Tool Name  
523.00 5051.00 Ryan MWD, Survey #1 MWD MWD  
5061.00 8470.00 Single-Shot, Survey #2 SS Single-Shot

## Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
523.00	0.00	0.00	523.00	0.00	0.00	0.00	0.00	0.00	0.00	Assumed Vertical to 523'M
564.00	0.30	64.70	564.00	0.05	0.10	0.10	0.73	0.73	0.00	MWD
641.00	1.90	45.70	640.98	1.02	1.19	1.26	2.10	2.08	-24.68	MWD
731.00	4.60	58.00	730.83	3.98	5.32	5.56	3.08	3.00	13.67	MWD
823.00	8.00	62.20	822.26	8.92	14.12	14.65	3.73	3.70	4.57	MWD
914.00	10.90	72.40	912.02	14.48	27.92	28.78	3.67	3.19	11.21	MWD
1006.00	13.10	72.80	1002.01	20.19	46.18	47.36	2.39	2.39	0.43	MWD
1099.00	12.60	86.50	1092.70	23.93	66.37	67.75	3.31	-0.54	14.73	MWD
1195.00	13.40	101.30	1186.27	22.39	87.74	88.98	3.56	0.83	15.42	MWD
1290.00	18.10	100.20	1277.67	17.61	113.07	113.96	4.96	4.95	-1.16	MWD
1386.00	20.70	97.70	1368.22	12.70	144.57	145.08	2.84	2.71	-2.60	MWD
1481.00	20.70	97.40	1457.08	8.29	177.86	178.03	0.11	0.00	-0.32	MWD
1577.00	19.40	96.70	1547.26	4.24	210.52	210.37	1.38	-1.35	-0.73	MWD
1672.00	20.00	94.90	1636.70	1.01	242.38	241.96	0.90	0.63	-1.89	MWD
1768.00	20.40	94.90	1726.80	-1.82	275.40	274.74	0.42	0.42	0.00	MWD
1862.00	19.50	89.70	1815.16	-3.14	307.42	306.61	2.12	-0.96	-5.53	MWD
1949.00	20.20	87.90	1897.00	-2.51	336.95	336.12	1.07	0.80	-2.07	MWD
2044.00	22.90	84.70	1985.35	-0.20	371.75	371.00	3.10	2.84	-3.37	MWD
2143.00	24.10	83.00	2076.14	4.04	411.00	410.43	1.39	1.21	-1.72	MWD
2239.00	25.00	80.50	2163.46	9.78	450.46	450.18	1.43	0.94	-2.60	MWD
2334.00	26.10	76.70	2249.17	17.90	490.60	490.75	2.08	1.16	-4.00	MWD

# Ryan Energy

## Survey Report

CONFIDENTIAL

Company: Dominion Exploration & Product  
Field: Natural Buttes, Uintah Co., Utah  
Site: River Bend Unit  
Well: RBU #10-23E  
Wellpath: OH

Date: 10/14/2003 Time: 15:52:41 Page: 2  
Co-ordinate(NE) Reference: Site: River Bend Unit, Grid North  
Vertical (TVD) Reference: RKB est. 5325.0  
Section (VS) Reference: Well (0.00N,0.00E,86.38Azi)  
Survey Calculation Method: Minimum Curvature Db: Sybase

### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2430.00	24.20	77.10	2336.07	27.15	530.33	530.99	1.99	-1.98	0.42	MWD
2525.00	22.60	83.00	2423.27	33.72	567.44	568.44	2.98	-1.68	6.21	MWD
2621.00	23.00	86.10	2511.77	37.25	604.46	605.61	1.32	0.42	3.23	MWD
2716.00	21.70	84.70	2599.63	40.13	640.47	641.72	1.48	-1.37	-1.47	MWD
2777.00	20.50	83.30	2656.54	42.42	662.30	663.66	2.13	-1.97	-2.30	MWD
2852.00	20.80	81.20	2726.72	45.99	688.51	690.04	1.07	0.40	-2.80	MWD
2947.00	20.70	81.90	2815.56	50.94	721.80	723.58	0.28	-0.11	0.74	MWD
3042.00	20.40	81.60	2904.51	55.72	754.80	756.81	0.33	-0.32	-0.32	MWD
3135.00	19.70	81.90	2991.88	60.30	786.36	788.59	0.76	-0.75	0.32	MWD
3232.00	21.50	84.00	3082.67	64.46	820.22	822.66	2.01	1.86	2.16	MWD
3329.00	20.80	83.70	3173.14	68.21	855.02	857.62	0.73	-0.72	-0.31	MWD
3424.00	19.90	83.00	3262.21	72.03	887.83	890.61	0.98	-0.95	-0.74	MWD
3519.00	18.90	81.90	3351.81	76.17	919.11	922.09	1.12	-1.05	-1.16	MWD
3615.00	18.70	80.90	3442.69	80.79	949.70	952.91	0.40	-0.21	-1.04	MWD
3711.00	18.40	85.40	3533.71	84.44	980.00	983.38	1.52	-0.31	4.69	MWD
3806.00	17.40	84.00	3624.11	87.13	1009.08	1012.56	1.15	-1.05	-1.47	MWD
3902.00	15.90	83.30	3716.08	90.16	1036.41	1040.04	1.58	-1.56	-0.73	MWD
3997.00	15.20	86.80	3807.61	92.38	1061.77	1065.49	1.23	-0.74	3.68	MWD
4093.00	15.70	87.90	3900.14	93.56	1087.32	1091.06	0.60	0.52	1.15	MWD
4188.00	17.00	89.30	3991.29	94.20	1114.05	1117.78	1.43	1.37	1.47	MWD
4284.00	14.30	90.70	4083.73	94.22	1139.94	1143.62	2.84	-2.81	1.46	MWD
4380.00	10.40	96.70	4177.49	93.07	1160.41	1163.97	4.27	-4.06	6.25	MWD
4475.00	8.30	102.70	4271.23	90.56	1175.62	1178.99	2.43	-2.21	6.32	MWD
4571.00	6.40	106.20	4366.43	87.54	1187.52	1190.68	2.03	-1.98	3.65	MWD
4666.00	4.10	104.10	4461.03	85.24	1195.90	1198.89	2.43	-2.42	-2.21	MWD
4762.00	1.10	107.60	4556.92	84.12	1200.11	1203.02	3.13	-3.12	3.65	MWD
4857.00	0.40	150.10	4651.91	83.56	1201.14	1204.02	0.89	-0.74	44.74	MWD
4953.00	0.50	150.10	4747.91	82.91	1201.52	1204.35	0.10	0.10	0.00	MWD
5051.00	0.60	165.60	4845.90	82.04	1201.86	1204.64	0.18	0.10	15.82	MWD
5061.00	0.60	156.60	4855.90	81.94	1201.89	1204.67	0.94	0.00	-90.00	SS
5839.00	1.50	145.00	5633.76	69.86	1209.35	1211.35	0.12	0.12	-1.49	SS
6081.00	1.75	150.00	5875.67	64.06	1213.01	1214.64	0.12	0.10	2.07	SS
6781.00	1.75	145.00	6575.34	46.05	1224.49	1224.95	0.02	0.00	-0.71	SS
7704.00	1.75	160.00	7497.92	21.26	1237.39	1236.27	0.05	0.00	1.63	SS
8470.00	1.75	160.00	8263.56	-0.72	1245.39	1242.86	0.00	0.00	0.00	Projection to TD

### Annotation

MD ft	TVD ft	
523.00	523.00	Assumed Vertical to 523'MD
8470.00	8263.56	Projection to TD

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# ***Survey Report-Geographic***

***RBU #10-23E***

***A. P. I. # 43-047-34891***

***SECTION 23, T10S, R19E***

***Uintah County, Utah***

108 Banks Avenue • Lafayette, LA 70506 • Phone: (337) 264-1035  
18231 Ammi Trail • Houston, TX 77060 • Phone: (281) 443-1414  
530 – 8<sup>th</sup> Avenue S.W. • Calgary, Alberta, Canada T2P 3S8 • Phone: 403-269-5981  
Visit our website at [www.ryanenergy.com](http://www.ryanenergy.com)

# Ryan Energy

## Survey Report - Geographic

CONFIDENTIAL

<b>Company:</b> Dominion Exploration & Product <b>Field:</b> Natural Buttes, Uintah Co., Utah <b>Site:</b> River Bend Unit <b>Well:</b> RBU #10-23E <b>Wellpath:</b> OH	<b>Date:</b> 10/14/2003 <b>Co-ordinate(NE) Reference:</b> Site: River Bend Unit, Grid North <b>Vertical (TVD) Reference:</b> RKB est. 5325.0 <b>Section (VS) Reference:</b> Well (0.00N,0.00E,86.38Azi) <b>Survey Calculation Method:</b> Minimum Curvature
---	---

**Page:** 1

**Db:** Sybase

**Field:** Natural Buttes, Uintah Co., Utah  
 Uintah Co., Utah  
 USA

**Map System:** US State Plane Coordinate System 1927  
**Geo Datum:** NAD27 (Clarke 1866)  
**Sys Datum:** Mean Sea Level

**Map Zone:** Utah, Central Zone  
**Coordinate System:** Site Centre  
**Geomagnetic Model:** igrf2000

**Site:** River Bend Unit

Sec 23-T10S-R19E

<b>Site Position:</b>	<b>Northing:</b> 586419.27 ft	<b>Latitude:</b> 39 55 48.770 N
<b>From:</b> Geographic	<b>Easting:</b> 2490324.85 ft	<b>Longitude:</b> 109 45 5.030 W
<b>Position Uncertainty:</b> 0.00 ft		<b>North Reference:</b> Grid
<b>Ground Level:</b> 5309.00 ft		<b>Grid Convergence:</b> 1.12 deg

**Well:** RBU #10-23E  
 A.P.I. # 43-047-34891

**Slot Name:**

<b>Well Position:</b> +N/-S 0.00 ft	<b>Northing:</b> 586419.27 ft	<b>Latitude:</b> 39 55 48.770 N
+E/-W 0.00 ft	<b>Easting:</b> 2490324.85 ft	<b>Longitude:</b> 109 45 5.030 W
<b>Position Uncertainty:</b> 0.00 ft		

**Wellpath:** OH

<b>Current Datum:</b> RKB est.	<b>Height</b> 5325.00 ft	<b>Drilled From:</b> Surface
<b>Magnetic Data:</b> 10/14/2003		<b>Tie-on Depth:</b> 0.00 ft
<b>Field Strength:</b> 53170 nT		<b>Above System Datum:</b> Mean Sea Level
<b>Vertical Section:</b> Depth From (TVD)	+N/-S ft	<b>Declination:</b> 12.38 deg
		<b>Mag Dip Angle:</b> 66.01 deg
		<b>+E/-W ft</b>
		<b>Direction deg</b>
0.00	0.00	0.00 86.38

### Survey Program for Definitive Wellpath

<b>Date:</b> 10/14/2003	<b>Validated:</b> No	<b>Version:</b> 0
<b>Actual From</b> ft	<b>To</b> ft	<b>Toolcode</b>
523.00	5051.00	Ryan MWD, Survey #1
5061.00	8470.00	Single-Shot, Survey #2
		<b>MWD</b>
		<b>MWD</b>
		Single-Shot

### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec			← Longitude → Deg Min Sec		
0.00	0.00	0.00	0.00	0.00	0.00	586419.27	2490324.85	39	55	48.770 N	109	45	5.030 W
523.00	0.00	0.00	523.00	0.00	0.00	586419.27	2490324.85	39	55	48.770 N	109	45	5.030 W
564.00	0.30	64.70	564.00	0.05	0.10	586419.32	2490324.95	39	55	48.770 N	109	45	5.029 W
641.00	1.90	45.70	640.98	1.02	1.19	586420.30	2490326.04	39	55	48.780 N	109	45	5.014 W
731.00	4.60	58.00	730.83	3.98	5.32	586423.25	2490330.17	39	55	48.808 N	109	45	4.961 W
823.00	8.00	62.20	822.26	8.92	14.12	586428.19	2490338.97	39	55	48.855 N	109	45	4.847 W
914.00	10.90	72.40	912.02	14.48	27.92	586433.75	2490352.77	39	55	48.908 N	109	45	4.668 W
1006.00	13.10	72.80	1002.01	20.19	46.18	586439.46	2490371.03	39	55	48.961 N	109	45	4.432 W
1099.00	12.60	86.50	1092.70	23.93	66.37	586443.20	2490391.22	39	55	48.994 N	109	45	4.172 W
1195.00	13.40	101.30	1186.27	22.39	87.74	586441.66	2490412.59	39	55	48.974 N	109	45	3.898 W
1290.00	18.10	100.20	1277.67	17.61	113.07	586436.89	2490437.92	39	55	48.922 N	109	45	3.574 W
1386.00	20.70	97.70	1368.22	12.70	144.57	586431.97	2490469.42	39	55	48.868 N	109	45	3.171 W
1481.00	20.70	97.40	1457.08	8.29	177.86	586427.56	2490502.71	39	55	48.817 N	109	45	2.745 W
1577.00	19.40	96.70	1547.26	4.24	210.52	586423.51	2490535.37	39	55	48.771 N	109	45	2.327 W
1672.00	20.00	94.90	1636.70	1.01	242.38	586420.29	2490567.23	39	55	48.733 N	109	45	1.919 W
1768.00	20.40	94.90	1726.80	-1.82	275.40	586417.45	2490600.25	39	55	48.699 N	109	45	1.496 W
1862.00	19.50	89.70	1815.16	-3.14	307.42	586416.14	2490632.27	39	55	48.680 N	109	45	1.085 W
1949.00	20.20	87.90	1897.00	-2.51	336.95	586416.76	2490661.80	39	55	48.680 N	109	45	0.706 W
2044.00	22.90	84.70	1985.35	-0.20	371.75	586419.07	2490696.60	39	55	48.696 N	109	45	0.259 W
2143.00	24.10	83.00	2076.14	4.04	411.00	586423.31	2490735.85	39	55	48.730 N	109	44	59.754 W
2239.00	25.00	80.50	2163.46	9.78	450.46	586429.05	2490775.31	39	55	48.780 N	109	44	59.246 W

# Ryan Energy

## Survey Report - Geographic

CONFIDENTIAL

Company: Dominion Exploration & Product  
Field: Natural Buttes, Uintah Co., Utah  
Site: River Bend Unit  
Well: RBU #10-23E  
Wellpath: OH

Date: 10/14/2003 Time: 15:50:17 Page: 2  
Co-ordinate(NE) Reference: Site: River Bend Unit, Grid North  
Vertical (TVD) Reference: RKB est. 5325.0  
Section (VS) Reference: Well (0.00N,0.00E,86.38Azi)  
Survey Calculation Method: Minimum Curvature Db: Sybase

### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec		← Longitude → Deg Min Sec	
2334.00	26.10	76.70	2249.17	17.90	490.60	586437.17	2490815.45	39 55	48.852 N	109 44	58.729 W
2430.00	24.20	77.10	2336.07	27.15	530.33	586446.42	2490855.18	39 55	48.936 N	109 44	58.216 W
2525.00	22.60	83.00	2423.27	33.72	567.44	586453.00	2490892.29	39 55	48.994 N	109 44	57.738 W
2621.00	23.00	86.10	2511.77	37.25	604.46	586456.52	2490929.31	39 55	49.021 N	109 44	57.262 W
2716.00	21.70	84.70	2599.63	40.13	640.47	586459.41	2490965.32	39 55	49.043 N	109 44	56.799 W
2777.00	20.50	83.30	2656.54	42.42	662.30	586461.69	2490987.16	39 55	49.061 N	109 44	56.519 W
2852.00	20.80	81.20	2726.72	45.99	688.51	586465.26	2491013.36	39 55	49.091 N	109 44	56.181 W
2947.00	20.70	81.90	2815.56	50.94	721.80	586470.21	2491046.65	39 55	49.134 N	109 44	55.753 W
3042.00	20.40	81.60	2904.51	55.72	754.80	586474.99	2491079.65	39 55	49.175 N	109 44	55.328 W
3135.00	19.70	81.90	2991.88	60.30	786.36	586479.57	2491111.21	39 55	49.214 N	109 44	54.922 W
3232.00	21.50	84.00	3082.67	64.46	820.22	586483.73	2491145.07	39 55	49.248 N	109 44	54.486 W
3329.00	20.80	83.70	3173.14	68.21	855.02	586487.48	2491179.87	39 55	49.279 N	109 44	54.039 W
3424.00	19.90	83.00	3262.21	72.03	887.83	586491.30	2491212.68	39 55	49.310 N	109 44	53.616 W
3519.00	18.90	81.90	3351.81	76.17	919.11	586495.44	2491243.96	39 55	49.345 N	109 44	53.214 W
3615.00	18.70	80.90	3442.69	80.79	949.70	586500.06	2491274.55	39 55	49.385 N	109 44	52.820 W
3711.00	18.40	85.40	3533.71	84.44	980.00	586503.71	2491304.85	39 55	49.415 N	109 44	52.430 W
3806.00	17.40	84.00	3624.11	87.13	1009.08	586506.40	2491333.93	39 55	49.436 N	109 44	52.057 W
3902.00	15.90	83.30	3716.08	90.16	1036.41	586509.44	2491361.26	39 55	49.460 N	109 44	51.705 W
3997.00	15.20	86.80	3807.61	92.38	1061.77	586511.65	2491386.62	39 55	49.477 N	109 44	51.379 W
4093.00	15.70	87.90	3900.14	93.56	1087.32	586512.83	2491412.17	39 55	49.484 N	109 44	51.051 W
4188.00	17.00	89.30	3991.29	94.20	1114.05	586513.47	2491438.90	39 55	49.485 N	109 44	50.707 W
4284.00	14.30	90.70	4083.73	94.22	1139.94	586513.50	2491464.79	39 55	49.481 N	109 44	50.375 W
4380.00	10.40	96.70	4177.49	93.07	1160.41	586512.34	2491485.26	39 55	49.465 N	109 44	50.113 W
4475.00	8.30	102.70	4271.23	90.56	1175.62	586509.83	2491500.47	39 55	49.437 N	109 44	49.918 W
4571.00	6.40	106.20	4366.43	87.54	1187.52	586506.81	2491512.37	39 55	49.405 N	109 44	49.766 W
4666.00	4.10	104.10	4461.03	85.24	1195.90	586504.51	2491520.75	39 55	49.381 N	109 44	49.659 W
4762.00	1.10	107.60	4556.92	84.12	1200.11	586503.39	2491524.96	39 55	49.369 N	109 44	49.605 W
4857.00	0.40	150.10	4651.91	83.56	1201.14	586502.83	2491525.99	39 55	49.363 N	109 44	49.592 W
4953.00	0.50	150.10	4747.91	82.91	1201.52	586502.18	2491526.37	39 55	49.357 N	109 44	49.588 W
5051.00	0.60	165.60	4845.90	82.04	1201.86	586501.31	2491526.71	39 55	49.348 N	109 44	49.583 W
5061.00	0.60	156.60	4855.90	81.94	1201.89	586501.21	2491526.74	39 55	49.347 N	109 44	49.583 W
5839.00	1.50	145.00	5633.76	69.86	1209.35	586489.13	2491534.20	39 55	49.226 N	109 44	49.490 W
6081.00	1.75	150.00	5875.67	64.06	1213.01	586483.34	2491537.86	39 55	49.168 N	109 44	49.445 W
6781.00	1.75	145.00	6575.34	46.05	1224.49	586465.32	2491549.34	39 55	48.988 N	109 44	49.302 W
7704.00	1.75	160.00	7497.92	21.26	1237.39	586440.54	2491562.24	39 55	48.741 N	109 44	49.143 W
8470.00	1.75	160.00	8263.56	-0.72	1245.39	586418.55	2491570.24	39 55	48.522 N	109 44	49.045 W

### Annotation

MD ft	TVD ft	
523.00	523.00	Assumed Vertical to 523'MD
8470.00	8263.56	Projection to TD

CONFIDENTIAL



**Ryan** The leader in  
**UNDERGROUND INTELLIGENCE™**

# ***Survey Report - Closure***

***RBU #10-23E***

***A. P. I. # 43-047-34891***

***SECTION 23, T10S, R19E***

***Uintah County, Utah***

108 Banks Avenue • Lafayette, LA 70506 • Phone: (337) 264-1035  
18231 Ammi Trail • Houston, TX 77060 • Phone: (281) 443-1414  
530 – 8<sup>th</sup> Avenue S.W. • Calgary, Alberta, Canada T2P 3S8 • Phone: 403-269-5981  
Visit our website at [www.ryanenergy.com](http://www.ryanenergy.com)

# Ryan Energy

## Ryan Survey Report

CONFIDENTIAL

<b>Company:</b> Dominion Exploration & Product <b>Field:</b> Natural Buttes, Uintah Co., Utah <b>Site:</b> River Bend Unit <b>Well:</b> RBU #10-23E <b>Wellpath:</b> OH	<b>Date:</b> 10/14/2003 <b>Time:</b> 15:56:10 <b>Page:</b> 1 <b>Co-ordinate(NE) Reference:</b> Site: River Bend Unit, Grid North <b>Vertical (TVD) Reference:</b> RKB est. 5325.0 <b>Section (VS) Reference:</b> Well (0.00N,0.00E,86.38Azi) <b>Survey Calculation Method:</b> Minimum Curvature <b>Db:</b> Sybase
---	--

**Field:** Natural Buttes, Uintah Co., Utah  
 Uintah Co., Utah  
 USA

**Map System:** US State Plane Coordinate System 1927  
**Geo Datum:** NAD27 (Clarke 1866)  
**Sys Datum:** Mean Sea Level

**Map Zone:** Utah, Central Zone  
**Coordinate System:** Site Centre  
**Geomagnetic Model:** igrf2000

**Site:** River Bend Unit

Sec 23-T10S-R19E

<b>Site Position:</b>	<b>Northing:</b> 586419.27 ft	<b>Latitude:</b> 39 55 48.770 N	
<b>From:</b> Geographic	<b>Easting:</b> 2490324.85 ft	<b>Longitude:</b> 109 45 5.030 W	
<b>Position Uncertainty:</b> 0.00 ft		<b>North Reference:</b> Grid	
<b>Ground Level:</b> 5309.00 ft		<b>Grid Convergence:</b> 1.12 deg	

**Well:** RBU #10-23E

A.P.I. # 43-047-34891

**Slot Name:**

<b>Well Position:</b> +N/-S 0.00 ft	<b>Northing:</b> 586419.27 ft	<b>Latitude:</b> 39 55 48.770 N	
+E/-W 0.00 ft	<b>Easting:</b> 2490324.85 ft	<b>Longitude:</b> 109 45 5.030 W	
<b>Position Uncertainty:</b> 0.00 ft			

**Wellpath:** OH

<b>Current Datum:</b> RKB est.	<b>Height</b> 5325.00 ft	<b>Drilled From:</b> Surface	
<b>Magnetic Data:</b> 10/14/2003		<b>Tie-on Depth:</b> 0.00 ft	
<b>Field Strength:</b> 53170 nT		<b>Above System Datum:</b> Mean Sea Level	
<b>Vertical Section:</b> Depth From (TVD)	+N/-S	<b>Declination:</b> 12.38 deg	
ft	ft	<b>Mag Dip Angle:</b> 66.01 deg	
		+E/-W	Direction
		ft	deg
0.00	0.00	0.00	86.38

### Survey Program for Definitive Wellpath

<b>Date:</b> 10/14/2003	<b>Validated:</b> No	<b>Version:</b> 0	
<b>Actual From</b> ft	<b>To</b> ft	<b>Toolcode</b>	<b>Tool Name</b>
523.00	5051.00	Ryan MWD, Survey #1	
5061.00	8470.00	Single-Shot, Survey #2	
		MWD SS	MWD Single-Shot

### Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	ClsD ft	ClsA deg	Tool
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
523.00	0.00	0.00	523.00	0.00	0.00	0.00	0.00	0.00	Assumed Vertical to 523' MD
564.00	0.30	64.70	564.00	0.05	0.10	0.10	0.11	64.70	MWD
641.00	1.90	45.70	640.98	1.02	1.19	1.26	1.57	49.37	MWD
731.00	4.60	58.00	730.83	3.98	5.32	5.56	6.64	53.22	MWD
823.00	8.00	62.20	822.26	8.92	14.12	14.65	16.70	57.71	MWD
914.00	10.90	72.40	912.02	14.48	27.92	28.78	31.45	62.59	MWD
1006.00	13.10	72.80	1002.01	20.19	46.18	47.36	50.40	66.38	MWD
1099.00	12.60	86.50	1092.70	23.93	66.37	67.75	70.55	70.18	MWD
1195.00	13.40	101.30	1186.27	22.39	87.74	88.98	90.55	75.69	MWD
1290.00	18.10	100.20	1277.67	17.61	113.07	113.96	114.44	81.15	MWD
1386.00	20.70	97.70	1368.22	12.70	144.57	145.08	145.13	84.98	MWD
1481.00	20.70	97.40	1457.08	8.29	177.86	178.03	178.05	87.33	MWD
1577.00	19.40	96.70	1547.26	4.24	210.52	210.37	210.56	88.85	MWD
1672.00	20.00	94.90	1636.70	1.01	242.38	241.96	242.38	89.76	MWD
1768.00	20.40	94.90	1726.80	-1.82	275.40	274.74	275.41	90.38	MWD
1862.00	19.50	89.70	1815.16	-3.14	307.42	306.61	307.43	90.58	MWD
1949.00	20.20	87.90	1897.00	-2.51	336.95	336.12	336.96	90.43	MWD
2044.00	22.90	84.70	1985.35	-0.20	371.75	371.00	371.75	90.03	MWD
2143.00	24.10	83.00	2076.14	4.04	411.00	410.43	411.02	89.44	MWD
2239.00	25.00	80.50	2163.46	9.78	450.46	450.18	450.57	88.76	MWD
2334.00	26.10	76.70	2249.17	17.90	490.60	490.75	490.93	87.91	MWD

# Ryan Energy

## Ryan Survey Report

CONFIDENTIAL

Company: Dominion Exploration & Product  
Field: Natural Buttes, Uintah Co., Utah  
Site: River Bend Unit  
Well: RBU #10-23E  
Wellpath: OH

Date: 10/14/2003 Time: 15:56:10 Page: 2  
Co-ordinate(NE) Reference: Site: River Bend Unit, Grid North  
Vertical (TVD) Reference: RKB est. 5325.0  
Section (VS) Reference: Well (0.00N,0.00E,86.38Azi)  
Survey Calculation Method: Minimum Curvature Db: Sybase

### Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	ClsD ft	ClsA deg	Tool
2430.00	24.20	77.10	2336.07	27.15	530.33	530.99	531.03	87.07	MWD
2525.00	22.60	83.00	2423.27	33.72	567.44	568.44	568.44	86.60	MWD
2621.00	23.00	86.10	2511.77	37.25	604.46	605.61	605.61	86.47	MWD
2716.00	21.70	84.70	2599.63	40.13	640.47	641.72	641.72	86.41	MWD
2777.00	20.50	83.30	2656.54	42.42	662.30	663.66	663.66	86.34	MWD
2852.00	20.80	81.20	2726.72	45.99	688.51	690.04	690.04	86.18	MWD
2947.00	20.70	81.90	2815.56	50.94	721.80	723.58	723.59	85.96	MWD
3042.00	20.40	81.60	2904.51	55.72	754.80	756.81	756.86	85.78	MWD
3135.00	19.70	81.90	2991.88	60.30	786.36	788.59	788.66	85.62	MWD
3232.00	21.50	84.00	3082.67	64.46	820.22	822.66	822.75	85.51	MWD
3329.00	20.80	83.70	3173.14	68.21	855.02	857.62	857.74	85.44	MWD
3424.00	19.90	83.00	3262.21	72.03	887.83	890.61	890.75	85.36	MWD
3519.00	18.90	81.90	3351.81	76.17	919.11	922.09	922.27	85.26	MWD
3615.00	18.70	80.90	3442.69	80.79	949.70	952.91	953.13	85.14	MWD
3711.00	18.40	85.40	3533.71	84.44	980.00	983.38	983.63	85.08	MWD
3806.00	17.40	84.00	3624.11	87.13	1009.08	1012.56	1012.83	85.06	MWD
3902.00	15.90	83.30	3716.08	90.16	1036.41	1040.04	1040.33	85.03	MWD
3997.00	15.20	86.80	3807.61	92.38	1061.77	1065.49	1065.78	85.03	MWD
4093.00	15.70	87.90	3900.14	93.56	1087.32	1091.06	1091.34	85.08	MWD
4188.00	17.00	89.30	3991.29	94.20	1114.05	1117.78	1118.03	85.17	MWD
4284.00	14.30	90.70	4083.73	94.22	1139.94	1143.62	1143.83	85.27	MWD
4380.00	10.40	96.70	4177.49	93.07	1160.41	1163.97	1164.14	85.41	MWD
4475.00	8.30	102.70	4271.23	90.56	1175.62	1178.99	1179.10	85.60	MWD
4571.00	6.40	106.20	4366.43	87.54	1187.52	1190.68	1190.74	85.78	MWD
4666.00	4.10	104.10	4461.03	85.24	1195.90	1198.89	1198.93	85.92	MWD
4762.00	1.10	107.60	4556.92	84.12	1200.11	1203.02	1203.05	85.99	MWD
4857.00	0.40	150.10	4651.91	83.56	1201.14	1204.02	1204.04	86.02	MWD
4953.00	0.50	150.10	4747.91	82.91	1201.52	1204.35	1204.37	86.05	MWD
5051.00	0.60	165.60	4845.90	82.04	1201.86	1204.64	1204.65	86.10	MWD
5061.00	0.60	156.60	4855.90	81.94	1201.89	1204.67	1204.68	86.10	SS
5839.00	1.50	145.00	5633.76	69.86	1209.35	1211.35	1211.37	86.69	SS
6081.00	1.75	150.00	5875.67	64.06	1213.01	1214.64	1214.71	86.98	SS
6781.00	1.75	145.00	6575.34	46.05	1224.49	1224.95	1225.36	87.85	SS
7704.00	1.75	160.00	7497.92	21.26	1237.39	1236.27	1237.58	89.02	SS
8470.00	1.75	160.00	8263.56	-0.72	1245.39	1242.86	1245.39	90.03	Projection to TD

### Annotation

MD ft	TVD ft	
523.00	523.00	Assumed Vertical to 523'MD
8470.00	8263.56	Projection to TD



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
U-013766

a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

b. Name of Operator  
Dominion Exploration & Production, Inc.

7. Unit or CA Agreement Name and No.  
River Bend Unit

c. Address  
14000 Quail Springs Parkway - Ste. 600 - Okla. City, OK 73134

8. Lease Name and Well No.  
RBU 10-23E

d. Location of Well (Report location clearly and in accordance with Federal requirements)\*

9. API Well No.  
43-047-34891

e. At surface

10. Field and Pool, or Exploratory  
Natural Buttes

f. At top prod. Interval reported below

11. Sec., T., R., M., or Block and  
Survey or Area 13-10S-19E

g. At total depth  
Surface 1721' FSL & 2092' FWL  
Bottom 1800' FSL & 1850' FEL / *rec D&A*

12. County or Parish  
Uintah

13. State  
UT

h. Date Spudded  
9/4/2003

i. Date T.D. Reached  
10/5/2003

j. Date Completed  
☐ D&A ☒ Ready to prod. 10/22/2003

17. Elevations (DF, RKB, RT, GL)\*  
5310' GL

k. Total Depth: MD 8470' TVD 8364' *rec D&A*

20. Depth Bridge Plug Set: MD TVD

l. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
Dual Laterolog, Comp. Z-Densilog, Comp. Neutron  
Gamma Ray/Caliper Log, Cement Bond Log - *rec 12-19-03*

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☐ No ☒ Yes (Submit copy)

m. Casing and Liner Record (Report all string set in well) E-mailed Las file to Ed Forsman 10-01-03.

Cole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
7 1/2"	13 3/8"	48#	Surface	520.6'		475 sx Type V		Circ.	
2 1/4"	9 5/8"	36#	Surface	2804'		1020 sx Hil Fill		Surface	
7/8"	5 1/2"	17#	Surface	8463'		875 sx Hil-Fill		3165'	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
3/8"	8372'							

Producing Intervals	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Mesaverde	8322	8442	(8322-39, 8354-56, 8361-85)			
			8422-28, 8436-42)		60	Open
Uteland Buttes	7380	7752	7380 - 84, 7745 - 52		24	Open
Chapita Wells	6608	6752	(6608-14, 6740-42, 6744-46, 6749 - 52, 6766 - 68)		35	Open
Chapita Wells	6342	6358	6342 - 6358		33	Open
Chapita Wells	6052	6185	6052-58, 6095-15, 6162-78, 6181-85		50	Open
Wasatch	5445	5450	5445 - 5450		21	Open

Depth Interval	Amount and Type of Material
22 - 8442	Frac w/81,180# 20/40 PR6000 & 20/40 Ottawa sd, w/479.1 mscf of N2 and 922 bbls YF 120ST.
80 - 7752	Frac w/54,400# 20/40 Ottawa sd, w/204.8 mscf of N2 and 532 bbls YF 115ST.
08 - 6752	Frac w/56,400# 20/40 Ottawa sd, w/174.0 mscf of N2 and 468 bbls YF 115ST.
52 - 6185	Frac w/100,480# 20/40 Ottawa sd, w/275.4 mscf of N2 and 667 bbls YF 115ST.
45 - 5450	Frac w/24,900# 20/40 Ottawa sd, w/123.5 mscf of N2 and 272 bbls YF 115ST.

First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/22/03	12/11/03	24	→	5	577	20			Flowing
Test Date	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48		247	→	5	577	20	1:115,400	Producing	

First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						EXPIRED
Test Date	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

b. Production - Interval C									
Rate First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Rate	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

c. Production - Interval D									
Rate First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Rate	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

d. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

e. Summary of Porous Zones (Include Aquifers):	31. Formation (Log) Markers
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.	

Formation	Top	Bottom	Description, Contents, etc.	Name	Top Meas. Depth
				Wasatch Tongue	4364'
				Uteland Limestone	4714'
				Wasatch	4888'
				Chapita Wells	5696'
				Uteland Buttes	6880'
				Mesa Verde	7852'

Additional remarks (include plugging procedure)

Circle enclosed attachments:

- ☒ 1. Electrical/Mechanical Logs (1 full set req'd)     
 2. Geologic Report     
 3. DST Report     
 4. Directional Survey  
 5. Sundry Notice for plugging and cement verification     
 6. Core Analysis     
 7. Other:

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Carla Christian      Title Regulatory Specialist  
 Signature Carla Christian      Date December 15, 2003

Under 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Dominion**

14000 Quail Springs Parkway, Suite 600  
Oklahoma City, Oklahoma 73134

# Fax

To: CAROL DANIELS From: CARLA CHRISTIAN  
Fax: (801) 359-3940 Fax: \_\_\_\_\_  
Phone: \_\_\_\_\_ Phone: \_\_\_\_\_  
Pages: 3 Date: 11-23-04

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

• Comments:

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DIV. OF OIL, GAS & MINING

016

Form 3160-4  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED

OMB NO. 1004-0137

Expires: November 30, 2000

5. Lease Serial No.

U-013766

- 1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
- b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Diff. Resvr.

Other

2. Name of Operator

Dominion Exploration &amp; Production, Inc.

3. Address

14000 Quail Springs Parkway - Ste. 600 - Okla. City, OK 73134

3a. Phone No. (include area code)

405-749-1300

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface

At top prod. interval reported below

Surface 1721' FSL &amp; 2092' FWL

At total depth

Bottom 1800' FSL &amp; 1850' FEL

14. Date Spudded

9/4/2003

15. Date T.D. Reached

10/5/2003

16. Date Completed

☐ D&A☒ Ready to prod.

10/22/2003

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

River Bend Unit

8. Lease Name and Well No.

RBU 10-23E

9. API Well No.

43-047-34891

10. Field and Pool, or Exploratory  
Natural Buttes11. Sec., T., R., M., or Block and  
Survey or Area

15-10S-19E

12. County or Parish

Uintah

13. State

UT

17. Elevations (DF, RKB, RT, GL)\*

5310' GL

18. Total Depth: MD 8470'  
TVD19. Plug Back T.D.: MD 8451'  
TVD20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

Dual Laterolog, Comp. Z-Densilog, Comp. Neutron

Gamma Ray/Caliper Log, Cement Bond Log

22. Was well cored?

☒ No☐ Yes

(Submit analysis)

Was DST run?

☒ No☐ Yes

(Submit report)

Directional Survey?

☐ No☒ Yes (Submit copy)

23. Casing and Liner Record (Report all string set in well)

Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Puffed
17 1/2"	13 3/8"	48#	Surface	520.6'		475 sx Type V		Circ.	
12 1/4"	9 5/8"	36#	Surface	2804'		1020 sx HII Fill		Surface	
7 7/8"	5 1/2"	17#	Surface	8463'		875 sx HII-Fill		3165'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	8372'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	8322	8442	(8322-39, 8354-56, 8361-85)			
B)			8422-28, 8438-42)		60	Open
C) Uteland Buttes	7380	7752	7380 - 84, 7745 - 52		24	Open
D) Chapita Wells	6608	6752	(6608-14, 6740-42, 6744-46,			
E)			6749 - 52, 6766 - 68)		35	Open
F) Chapita Wells	6342	6358	6342 - 6358		33	Open
G) Chapita Wells	6052	6185	6052-58, 6095-15, 6162-78, 6181-85		50	Open
H) Wasatch	5445	5450	5445 - 5450		21	Open

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8322 - 8442	Frac w/81,180# 20/40 PR6000 & 20/40 Ottawa sd, w/479.1 mscf of N2 and 922 bbls YF 120ST.
7380 - 7752	Frac w/54,400# 20/40 Ottawa sd, w/204.8 mscf of N2 and 532 bbls YF 115ST.
6608 - 6752	Frac w/56,400# 20/40 Ottawa sd, w/174.0 mscf of N2 and 468 bbls YF 115ST.
6052 - 6185	Frac w/100,480# 20/40 Ottawa sd, w/275.4 mscf of N2 and 667 bbls YF 115ST.
5445 - 5450	Frac w/24,900# 20/40 Ottawa sd, w/123.5 mscf of N2 and 272 bbls YF 115ST.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/22/03	12/11/03	24	→	5	577	20			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48		247	→	5	577	20	1:115,400		Producing

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas. Depth
				Wasatch Tongue	4364'
				Uteland Limestone	4714'
				Wasatch	4888'
				Chapita Wells	5696'
				Uteland Buttes	6880'
				Mesa Verde	7852'

## 32. Additional remarks (include plugging procedure)

## 33. Circle enclosed attachments:

☒ 1. Electrical/Mechanical Logs (1 full set req'd)

2. Geologic Report

3. DST Report

4. Directional Survey

5. Sundry Notice for plugging and cement verification

6. Core Analysis

7. Other:

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Carla ChristianTitle Regulatory SpecialistSignature Carla ChristianDate December 15, 2003

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* U.S. GPO: 1988-573-224

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Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**7/1/2007**

<b>FROM: (Old Operator):</b> N1095-Dominion Exploration & Production, Inc 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134  Phone: 1 (405) 749-1300	<b>TO: ( New Operator):</b> N2615-XTO Energy Inc 810 Houston St Fort Worth, TX 76102  Phone: 1 (817) 870-2800
--	--

CA No.				Unit:		RIVER BEND		
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- a. Is the new operator registered in the State of Utah: Business Number: 5655506-0143
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: \_\_\_\_\_
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 9/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2007
- Bond information entered in RBDMS on: 9/27/2007
- Fee/State wells attached to bond in RBDMS on: 9/27/2007
- Injection Projects to new operator in RBDMS on: 9/27/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000138
  - Indian well(s) covered by Bond Number: n/a
  - a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
  - b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008
- The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: XTO Energy Inc. <i>N2615</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (817) 870-2800		8. WELL NAME and NUMBER: SEE ATTACHED
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		9. API NUMBER: SEE ATTACHED
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc.  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

*N1095*

*James D. Abercrombie*  
James D. Abercrombie  
Sr. Vice President, General Manager - Western Business Unit  
*(405) 749-1300*

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) <i>Edwin S. Ryan, Jr.</i>	TITLE <i>Sr. Vice President - Land Administration</i>
SIGNATURE <i>Edwin S. Ryan, Jr.</i>	DATE <i>7/31/2007</i>

(This space for State use only)

APPROVED *9127107*

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

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DIV. OF OIL, GAS & MINING

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304730087	OSCU 2	NWSE	03	100S	200E	U-037164	7050	Federal	GW	P
4304730266	RBU 11-18F	NESW	18	100S	200E	U-013793	7050	Federal	GW	P
4304730374	RBU 11-13E	NESW	13	100S	190E	U-013765	7050	Federal	GW	P
4304730375	RBU 11-15F	NESW	15	100S	200E	U-7206	7050	Federal	GW	P
4304730376	RBU 7-21F	SWNE	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304730405	RBU 11-19F	NESW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304730408	RBU 11-10E	NESW	10	100S	190E	U-013792	7050	Federal	GW	P
4304730410	RBU 11-14E	NESW	14	100S	190E	U-013792	7050	Federal	GW	P
4304730411	RBU 11-23E	NESW	23	100S	190E	U-013766	7050	Federal	GW	P
4304730412	RBU 11-16F	NESW	16	100S	200E	U-7206	7050	Federal	GW	P
4304730585	RBU 7-11F	SWNE	11	100S	200E	U-01790	7050	Federal	GW	P
4304730689	RBU 11-3F	NESW	03	100S	200E	U-013767	7050	Federal	GW	P
4304730720	RBU 7-3E	SWNE	03	100S	190E	U-013765	7050	Federal	GW	P
4304730759	RBU 11-24E	NESW	24	100S	190E	U-013794	7050	Federal	GW	P
4304730761	RBU 7-10F	SWNE	10	100S	200E	U-7206	7050	Federal	GW	P
4304730762	RBU 6-20F	SENE	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304730768	RBU 7-22F	SWNE	22	100S	200E	14-20-H62-2646	7050	Indian	GW	P
4304730887	RBU 16-3F	SESE	03	100S	200E	U-037164	7050	Federal	GW	P
4304730915	RBU 1-15E	NENE	15	100S	190E	U-013766	7050	Federal	GW	P
4304730926	RBU 1-14E	NENE	14	100S	190E	U-013792	7050	Federal	GW	P
4304730927	RBU 1-22E	NENE	22	100S	190E	U-013792	7050	Federal	GW	P
4304730970	RBU 1-23E	NENE	23	100S	190E	U-013766	7050	Federal	GW	P
4304730971	RBU 4-19F	NWNW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304730973	RBU 13-11F	SWSW	11	100S	200E	U-7206	7050	Federal	WD	A
4304731046	RBU 1-10E	NWNE	10	100S	190E	U-013792	7050	Federal	GW	S
4304731115	RBU 16-16F	SESE	16	100S	200E	U-7206	7050	Federal	GW	P
4304731140	RBU 12-18F	NWSW	18	100S	200E	U-013793	7050	Federal	GW	P
4304731141	RBU 3-24E	NENW	24	100S	190E	U-013794	7050	Federal	GW	P
4304731143	RBU 3-23E	NENW	23	100S	190E	U-013766	7050	Federal	GW	P
4304731144	RBU 9-23E	NESE	23	100S	190E	U-013766	7050	Federal	GW	P
4304731145	RBU 9-14E	NESE	14	100S	190E	U-013792	7050	Federal	GW	P
4304731160	RBU 3-15E	NENW	15	100S	190E	U-013766	7050	Federal	GW	P
4304731161	RBU 10-15E	NWSE	15	100S	190E	U-013766	7050	Federal	GW	P
4304731176	RBU 9-10E	NESE	10	100S	190E	U-013792	7050	Federal	GW	P
4304731196	RBU 3-14E	SENE	14	100S	190E	U-013792	7050	Federal	GW	P
4304731252	RBU 8-4E	SENE	04	100S	190E	U-013792	7050	Federal	GW	P
4304731322	RBU 1-19F	NENE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304731323	RBU 5-10E	SWNW	10	100S	190E	U-013792	7050	Federal	GW	P
4304731369	RBU 3-13E	NENW	13	100S	190E	U-013765	7050	Federal	GW	P
4304731518	RBU 16-3E	SESE	03	100S	190E	U-035316	7050	Federal	GW	P
4304731519	RBU 11-11F	NESW	11	100S	200E	U-7206	7050	Federal	GW	P
4304731520	RBU 1-17F	NENE	17	100S	200E	U-013769-B	7050	Federal	GW	P
4304731605	RBU 9-13E	NESE	13	100S	190E	U-013765	7050	Federal	GW	P
4304731606	RBU 3-22E	NENW	22	100S	190E	U-013792	7050	Federal	GW	P
4304731607	RBU 8-24E	SENE	24	100S	190E	U-013794	7050	Federal	GW	P
4304731608	RBU 15-18F	SWSE	18	100S	200E	U-013794	7050	Federal	GW	P



N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304731613	RBU 5-11F	SWNW	11	100S	200E	U-7206	7050	Federal	GW	P
4304731615	RBU 4-22F	NWNW	22	100S	200E	U-0143521-A	7050	Federal	GW	S
4304731652	RBU 6-17E	SWNW	17	100S	190E	U-03535	7050	Federal	GW	P
4304731715	RBU 5-13E	SWNW	13	100S	190E	U-013765	7050	Federal	GW	P
4304731717	RBU 13-13E	SWSW	13	100S	190E	U-013765	7050	Federal	GW	P
4304731739	RBU 9-9E	NESE	09	100S	190E	U-03505	7050	Federal	GW	P
4304732033	RBU 13-14E	SWSW	14	100S	190E	U-013792	7050	Federal	GW	P
4304732037	RBU 11-3E	NESW	03	100S	190E	U-013765	7050	Federal	GW	P
4304732038	RBU 6-18F	SENW	18	100S	200E	U-013769	7050	Federal	GW	P
4304732040	RBU 15-24E	SWSE	24	100S	190E	U-013794	7050	Federal	GW	P
4304732041	RBU 5-14E	SWNW	14	100S	190E	U-013792	7050	Federal	GW	P
4304732050	RBU 12-20F	NWSW	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304732051	RBU 7-13E	SWNE	13	100S	190E	U-013765	7050	Federal	GW	P
4304732070	RBU 16-19F	SESE	19	100S	200E	U-013769-A	7050	Federal	WD	A
4304732071	RBU 9-22E	NESE	22	100S	190E	U-013792	7050	Federal	GW	P
4304732072	RBU 15-34B	SWSE	34	090S	190E	U-01773	7050	Federal	GW	P
4304732073	RBU 11-15E	NESW	15	100S	190E	U-013766	7050	Federal	GW	P
4304732074	RBU 13-21F	SWSW	21	100S	200E	U-0143520-A	7050	Federal	GW	P
4304732075	RBU 10-22F	NWSE	22	100S	200E	U-01470-A	7050	Federal	GW	P
4304732081	RBU 9-20F	NESE	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304732082	RBU 15-23E	SWSE	23	100S	190E	U-013766	7050	Federal	GW	P
4304732083	RBU 13-24E	SWSW	24	100S	190E	U-013794	7050	Federal	GW	P
4304732095	RBU 3-21E	NENW	21	100S	190E	U-013766	7050	Federal	GW	P
4304732103	RBU 15-17F	SWSE	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304732105	RBU 13-19F	SWSW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304732107	RBU 1-21E	NENE	21	100S	190E	U-013766	7050	Federal	GW	P
4304732128	RBU 9-21E	NESE	21	100S	190E	U-013766	7050	Federal	GW	P
4304732129	RBU 9-17E	NESE	17	100S	190E	U-03505	7050	Federal	GW	P
4304732133	RBU 13-14F	SWSW	14	100S	200E	U-013793-A	7050	Federal	GW	P
4304732134	RBU 9-11F	NESE	11	100S	200E	U-7206	7050	Federal	GW	P
4304732138	RBU 5-21F	SWNW	21	100S	200E	U-013793	7050	Federal	GW	P
4304732146	RBU 1-20E	NENE	20	100S	190E	U-03505	7050	Federal	GW	P
4304732149	RBU 8-18F	SENE	18	100S	200E	U-013769	7050	Federal	GW	P
4304732153	RBU 13-23E	SWSW	23	100S	190E	U-13766	7050	Federal	GW	P
4304732154	RBU 5-24E	SWNW	24	100S	190E	U-013794	7050	Federal	GW	P
4304732156	RBU 5-14F	SWNW	14	100S	200E	U-013793A	7050	Federal	GW	P
4304732166	RBU 7-15E	SWNE	15	100S	190E	U-013766	7050	Federal	GW	P
4304732167	RBU 15-13E	SWSE	13	100S	190E	U-013765	7050	Federal	GW	P
4304732189	RBU 13-10F	SWSW	10	100S	200E	14-20-H62-2645	7050	Indian	GW	P
4304732190	RBU 15-10E	SWSE	10	100S	190E	U-013792	7050	Federal	GW	P
4304732191	RBU 3-17FX	NENW	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304732197	RBU 13-15E	SWSW	15	100S	190E	U-013766	7050	Federal	GW	P
4304732198	RBU 7-22E	SWNE	22	100S	190E	U-013792	7050	Federal	GW	P
4304732199	RBU 5-23E	SWNW	23	100S	190E	U-013766	7050	Federal	GW	P
4304732201	RBU 13-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	S
4304732211	RBU 15-15E	SWSE	15	100S	190E	U-013766	7050	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304732213	RBU 5-19F	SWNW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304732217	RBU 9-17F	NESE	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304732219	RBU 15-14E	SWSE	14	100S	190E	U-013792	7050	Federal	GW	P
4304732220	RBU 5-3E	SWNW	03	100S	190E	U-03505	7050	Federal	GW	P
4304732228	RBU 9-3E	NESE	03	100S	190E	U-035316	7050	Federal	GW	P
4304732239	RBU 7-14E	SWNE	14	100S	190E	U-103792	7050	Federal	GW	P
4304732240	RBU 9-14F	NESE	14	100S	200E	U-013793-A	7050	Federal	GW	P
4304732242	RBU 5-22E	SWNW	22	100S	190E	U-013792	7050	Federal	GW	P
4304732263	RBU 8-13E	SENE	13	100S	190E	U-013765	7050	Federal	GW	P
4304732266	RBU 9-21F	NESE	21	100S	200E	U-0143520-A	7050	Federal	GW	P
4304732267	RBU 5-10F	SWNW	10	100S	200E	U-7206	7050	Federal	GW	P
4304732268	RBU 9-10F	NESE	10	100S	200E	U-7206	7050	Federal	GW	P
4304732269	RBU 4-15F	NWNW	15	100S	200E	INDIAN	7050	Indian	GW	PA
4304732270	RBU 14-22F	SESW	22	100S	200E	U-0143519	7050	Federal	GW	P
4304732276	RBU 5-21E	SWNW	21	100S	190E	U-013766	7050	Federal	GW	P
4304732289	RBU 7-10E	SWNE	10	100S	190E	U-013792	7050	Federal	GW	P
4304732290	RBU 5-17F	SWNW	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304732293	RBU 3-3E	NENW	03	100S	190E	U-013765	7050	Federal	GW	P
4304732295	RBU 13-22E	SWSW	22	100S	190E	U-013792	7050	Federal	GW	P
4304732301	RBU 7-21E	SWNE	21	100S	190E	U-013766	7050	Federal	GW	P
4304732309	RBU 15-21F	SWSE	21	100S	200E	U-0143520-A	7050	Federal	GW	P
4304732310	RBU 15-20F	SWSE	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304732312	RBU 9-24E	NESE	24	100S	190E	U-013794	7050	Federal	GW	P
4304732313	RBU 3-20F	NENW	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304732315	RBU 11-21F	NESW	21	100S	200E	U-0143520-A	7050	Federal	GW	P
4304732317	RBU 15-22E	SWSE	22	100S	190E	U-013792	7050	Federal	GW	P
4304732328	RBU 3-19FX	NENW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304732331	RBU 2-11F	NWNE	11	100S	200E	U-01790	7050	Federal	GW	P
4304732347	RBU 3-11F	NENW	11	100S	200E	U-7206	7050	Federal	GW	P
4304732391	RBU 2-23F	NWNE	23	100S	200E	U-013793-A	7050	Federal	GW	S
4304732392	RBU 11-14F	NESW	14	100S	200E	U-013793-A	7050	Federal	GW	P
4304732396	RBU 3-21F	NENW	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304732407	RBU 15-14F	SWSE	14	100S	200E	U-013793-A	7050	Federal	GW	P
4304732408	RBU 4-23F	NWNW	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304732415	RBU 3-10EX (RIG SKID)	NENW	10	100S	190E	UTU-035316	7050	Federal	GW	P
4304732483	RBU 5-24EO	SWNW	24	100S	190E	U-013794	11719	Federal	OW	S
4304732512	RBU 8-11F	SENE	11	100S	200E	U-01790	7050	Federal	GW	P
4304732844	RBU 15-15F	SWSE	15	100S	200E	14-20-H62-2646	7050	Indian	GW	P
4304732899	RBU 3-14F	NENW	14	100S	200E	U-013793-A	7050	Federal	GW	P
4304732900	RBU 8-23F	SENE	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304732901	RBU 12-23F	NWSW	23	100S	200E	U-01470-A	7050	Federal	GW	P
4304732902	RBU 1-15F	NENE	15	100S	200E	U-7260	7050	Federal	GW	S
4304732903	RBU 3-15F	NENW	15	100S	200E	U-7260	7050	Federal	GW	P
4304732904	RBU 9-15F	NESE	15	100S	200E	U-7260	7050	Federal	GW	P
4304732934	RBU 3-10F	NENW	10	100S	200E	U-7206	7050	Federal	GW	P
4304732969	RBU 11-10F	NESW	10	100S	200E	U-7206	7050	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304732970	RBU 12-15F	NWSW	15	100S	200E	U-7206	7050	Federal	GW	P
4304732971	RBU 15-16F	SWSE	16	100S	200E	U-7206	7050	Federal	GW	S
4304732972	RBU 1-21F	NENE	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304732989	RBU 13-10E	SWSW	10	100S	190E	U-013792	7050	Federal	GW	P
4304732990	RBU 13-18F2	SWSW	18	100S	200E	U-013793	7050	Federal	GW	P
4304732991	RBU 6-19F	SENW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304733033	RBU 7-23E	NWNE	23	100S	190E	U-013766	7050	Federal	GW	P
4304733034	RBU 9-18F	NESE	18	100S	200E	U-013794	7050	Federal	GW	P
4304733035	RBU 14-19F	SESW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304733087	RBU 6-23F	SENW	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304733088	RBU 1-10F	NENE	10	100S	200E	U-7206	7050	Federal	GW	P
4304733089	RBU 8-22F	SENE	22	100S	200E	U-0143521	7050	Federal	GW	P
4304733090	RBU 11-22F	NESW	22	100S	200E	U-0143519	7050	Federal	GW	P
4304733091	RBU 16-22F	SESE	22	100S	200E	U-01470-A	7050	Federal	GW	P
4304733156	RBU 4-14E	NWNW	14	100S	190E	U-013792	7050	Federal	GW	P
4304733157	RBU 7-19F	SWNE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304733158	RBU 7-20F	SWNE	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304733159	RBU 7-24E	SWNE	24	100S	190E	U-013794	7050	Federal	GW	P
4304733160	RBU 8-15E	SENE	15	100S	190E	U-013766	7050	Federal	GW	P
4304733161	RBU 16-10E	SESE	10	100S	190E	U-013792	7050	Federal	GW	P
4304733194	RBU 2-14E	NWNE	14	100S	190E	U-013792	7050	Federal	GW	P
4304733272	RBU 13-3F	SWSW	03	100S	200E	U-013767	7050	Federal	GW	P
4304733361	RBU 5-3F	SWNW	03	100S	200E	U-013767	7050	Federal	GW	P
4304733362	RBU 15-10F	SWSE	10	100S	200E	U-7206	7050	Federal	GW	P
4304733363	RBU 5-16F	SWNW	16	100S	200E	U-7206	7050	Federal	GW	P
4304733365	RBU 12-14E	NWSW	14	100S	190E	U-013792	7050	Federal	GW	P
4304733366	RBU 5-18F	SWNW	18	100S	200E	U-013769	7050	Federal	GW	P
4304733367	RBU 10-23F	NWSE	23	100S	200E	U-01470-A	7050	Federal	GW	P
4304733368	RBU 14-23F	SESW	23	100S	200E	U-01470-A	7050	Federal	GW	S
4304733424	RBU 5-20F	SWNW	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304733643	RBU 2-13E	NWNE	13	100S	190E	U-013765	7050	Federal	GW	P
4304733644	RBU 4-13E	NWNW	13	100S	190E	U-013765	7050	Federal	GW	P
4304733714	RBU 4-23E	NWNW	23	100S	190E	U-013766	7050	Federal	GW	P
4304733715	RBU 6-13E	SENW	13	100S	190E	U-013765	7050	Federal	GW	P
4304733716	RBU 10-14E	NWSE	14	100S	190E	U-013792	7050	Federal	GW	P
4304733838	RBU 8-10E	SENE	10	100S	190E	U-013792	7050	Federal	GW	P
4304733839	RBU 12-23E	NWSW	23	100S	190E	U-013766	7050	Federal	GW	P
4304733840	RBU 12-24E	NWSW	24	100S	190E	U-013794	7050	Federal	GW	P
4304733841	RBU 14-23E	SESW	23	100S	190E	U-013766	7050	Federal	GW	P
4304734302	RBU 1-23F	NENE	23	100S	200E	UTU-013793-A	7050	Federal	GW	P
4304734661	RBU 16-15E	SESE	15	100S	190E	U-013766	7050	Federal	GW	P
4304734662	RBU 10-14F	NWSE	14	100S	200E	U-013793-A	7050	Federal	GW	P
4304734663	RBU 6-14E	SENW	14	100S	190E	U-013792	7050	Federal	GW	P
4304734670	RBU 8-23E	NENE	23	100S	190E	U-013766	7050	Federal	GW	P
4304734671	RBU 4-24E	NENE	23	100S	190E	U-013766	7050	Federal	GW	P
4304734701	RBU 12-11F	SENW	11	100S	200E	U-7206	7050	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304734702	RBU 2-15E	NWNE	15	100S	190E	U-013766	7050	Federal	GW	P
4304734703	RBU 4-17F	NWNW	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304734745	RBU 10-20F	NESE	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304734749	RBU 7-18F	SWNE	18	100S	200E	U-013769	7050	Federal	GW	P
4304734750	RBU 12-10F	SWSW	10	100S	200E	14-20-H62-2645	7050	Indian	GW	P
4304734810	RBU 10-13E	NWSE	13	100S	190E	U-013765	7050	Federal	GW	P
4304734812	RBU 1-24E	NENE	24	100S	190E	U-013794	7050	Federal	GW	P
4304734826	RBU 12-21F	NESE	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304734828	RBU 4-15E	NWNW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734844	RBU 14-14E	SESW	14	100S	190E	U-013792	7050	Federal	GW	P
4304734845	RBU 10-24E	NWSE	24	100S	190E	U-013794	7050	Federal	GW	P
4304734888	RBU 4-21E	NWNW	21	100S	190E	U-013766	7050	Federal	GW	P
4304734889	RBU 16-24E	SESE	24	100S	190E	U-13794	7050	Federal	GW	P
4304734890	RBU 12-18F2	NWSW	18	100S	200E	U-013793	7050	Federal	GW	P
4304734891	RBU 10-23E	NESW	23	100S	190E	U-013766	7050	Federal	GW	P
4304734892	RBU 8-22E	SENE	22	100S	190E	U-013792	7050	Federal	GW	P
4304734906	RBU 6-22E	SENE	22	100S	190E	U-013792	7050	Federal	GW	P
4304734907	RBU 2-24E	NWNE	24	100S	190E	U-013794	7050	Federal	GW	P
4304734910	RBU 4-16F	NWNW	16	100S	200E	U-7206	7050	Federal	GW	P
4304734911	RBU 12-19F	NWSW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304734912	RBU 14-20F	SESW	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304734942	RBU 1-22F	NWNW	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304734945	RBU 8-19F	SENE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304734946	RBU 8-20F	SENE	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304734962	RBU 12-17F	NWSW	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304734963	RBU 2-17F	NWNE	17	100S	200E	U-013769-C	14117	Federal	GW	P
4304734966	RBU 14-18F	SESW	18	100S	200E	U-013793	7050	Federal	GW	P
4304734967	RBU 10-18F	NWSE	18	100S	200E	U-013794	7050	Federal	GW	P
4304734968	RBU 10-19F	NWSE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304734969	RBU 10-3E	NWSE	03	100S	190E	U-035316	7050	Federal	GW	P
4304734970	RBU 12-3E	NWSW	03	100S	190E	U-013765	7050	Federal	GW	P
4304734971	RBU 15-3E	SWSE	03	100S	190E	U-35316	7050	Federal	GW	P
4304734974	RBU 12-10E	NWSW	10	100S	190E	U-013792	14025	Federal	GW	P
4304734975	RBU 14-10E	NENW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734976	RBU 16-13E	SESE	13	100S	190E	U-013765	7050	Federal	GW	P
4304734977	RBU 8-14E	SENE	14	100S	190E	U-013792	7050	Federal	GW	P
4304734978	RBU 6-15E	SENE	15	100S	190E	U-013766	7050	Federal	GW	P
4304734979	RBU 12-15E	NWSW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734981	RBU 16-17E	SESE	17	100S	190E	U-013766	7050	Federal	GW	P
4304734982	RBU 8-21E	SENE	21	100S	190E	U-013766	7050	Federal	GW	P
4304734983	RBU 4-22E	NWNW	22	100S	190E	U-013792	7050	Federal	GW	P
4304734986	RBU 2-20F	NWNE	20	100S	200E	U-03505	7050	Federal	GW	P
4304734987	RBU 9-20E	SWNW	21	100S	190E	U-03505	7050	Federal	GW	P
4304734989	RBU 7-20E	NENE	20	100S	190E	U-03505	7050	Federal	GW	P
4304734990	RBU 8-20E	SWNW	21	100S	190E	U-03505	14164	Federal	GW	P
4304735041	RBU 16-23E	SWSE	23	100S	190E	U-013766	7050	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304735042	RBU 12-22E	NWSW	22	100S	190E	U-013792	14165	Federal	GW	P
4304735058	RBU 7-23F	SWNE	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304735059	RBU 12-13E	NWSW	13	100S	190E	U-013765	7050	Federal	GW	P
4304735060	RBU 14-13E	SESW	13	100S	190E	U-013765	7050	Federal	GW	P
4304735061	RBU 2-22E	NWNE	22	100S	190E	U-013792	7050	Federal	GW	P
4304735062	RBU 6-24E	SENE	24	100S	190E	U-013794	7050	Federal	GW	P
4304735082	RBU 4-17E	NWNW	17	100S	190E	U-03505	7050	Federal	GW	P
4304735086	RBU 16-14E	NENE	23	100S	190E	U-013792	7050	Federal	GW	P
4304735087	RBU 2-3E	NWNE	03	100S	190E	U-013765	7050	Federal	GW	P
4304735088	RBU 6-3E	SENE	03	100S	190E	U-03505	7050	Federal	GW	P
4304735100	RBU 10-10E	NWSE	10	100S	190E	U-013792	7050	Federal	GW	P
4304735101	RBU 16-22E	SESE	22	100S	190E	U-013792	7050	Federal	GW	P
4304735112	RBU 14-24E	SESW	24	100S	190E	U-013794	7050	Federal	GW	P
4304735129	RBU 6-21F	SENE	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304735170	RBU 1-9E	NESE	09	100S	190E	U-03505	7050	Federal	GW	P
4304735171	RBU 16-9E	NESE	09	100S	190E	U-013765	7050	Federal	GW	P
4304735232	RBU 14-21F	SESW	21	100S	200E	U-0143520	7050	Federal	GW	P
4304735250	RBU 13-19F2	NWSW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304735251	RBU 15-19F	SWSE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304735270	RBU 16-21E	SESE	21	100S	190E	U-013766	7050	Federal	GW	P
4304735304	RBU 13-20F	SWSW	20	100S	200E	U-013769	7050	Federal	GW	P
4304735305	RBU 4-21F	NWNW	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304735306	RBU 16-21F	SESE	21	100S	200E	U-0143520-A	7050	Federal	GW	P
4304735468	RBU 15-22F	SWSE	22	100S	200E	U-01470-A	7050	Federal	GW	P
4304735469	RBU 11-23F	SENE	23	100S	200E	U-01470A	7050	Federal	GW	P
4304735549	RBU 1-14F	NENE	14	100S	200E	UTU-013793-A	7050	Federal	GW	P
4304735640	RBU 2-21E	NWNE	21	100S	190E	U-013766	7050	Federal	GW	P
4304735644	RBU 10-17E	NWSE	17	100S	190E	U-013766	7050	Federal	GW	P
4304735645	RBU 12-21E	NWSW	21	100S	190E	U-013766	7050	Federal	GW	P
4304736200	RBU 8-17E	SWNE	17	100S	190E	U-013766	7050	Federal	GW	P
4304736201	RBU 15-17EX	SWSE	17	100S	190E	U-013766	7050	Federal	GW	P
4304736293	RBU 2-10E	NWNE	10	100S	190E	U-013792	7050	Federal	GW	P
4304736294	RBU 6-10E	NENW	10	100S	190E	U-013792	7050	Federal	GW	P
4304736296	RBU 6-21E	SENE	21	100S	190E	U-013766	7050	Federal	GW	P
4304736297	RBU 10-22E	NWSE	22	100S	190E	U-013792	7050	Federal	GW	P
4304736318	RBU 14-22E	SESW	22	100S	190E	U-013792	7050	Federal	GW	P
4304736427	RBU 9-15E	NESE	15	100S	190E	U-013766	7050	Federal	GW	DRL
4304736428	RBU 2-17E	NWNE	17	100S	190E	U-013766	7050	Federal	GW	P
4304736429	RBU 1-17E	NENE	17	100S	190E	U-013766	7050	Federal	GW	DRL
4304736432	RBU 3-19F2	NWNW	19	100S	200E	U-013769-A	15234	Federal	GW	P
4304736433	RBU 14-17F	SESW	17	100S	200E	U-03505	7050	Federal	GW	P
4304736434	RBU 2-19F	NWNE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304736435	RBU 5-19FX	SWNW	19	100S	200E	U-013769-A	15855	Federal	GW	P
4304736436	RBU 4-20F	NWNW	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304736605	RBU 16-14F	SESE	14	100S	200E	U-013793A	7050	Federal	GW	P
4304736608	RBU 4-3E	NWNW	03	100S	190E	U-035316	7050	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well name	qtr	qtr	sec	tpw	rng	lease num	entity	Lease	well	stat
4304736609	RBU 8-3E	SENE	03	100S	190E	U-013765	7050	Federal	GW	P	
4304736610	RBU 14-3E	SESW	03	100S	190E	U-013765	7050	Federal	GW	P	
4304736686	RBU 13-3E	NWSW	03	100S	190E	U-013765	15235	Federal	GW	P	
4304736810	RBU 1-3E	NENE	03	100S	190E	U-013765	7050	Federal	GW	DRL	
4304736850	RBU 2-10F	NWNE	10	100S	200E	U-7206	7050	Federal	GW	P	
4304736851	RBU 8-21F	SENE	21	100S	200E	U-013793-A	7050	Federal	GW	P	
4304737033	RBU 4-10E	SWNW	10	100S	190E	U-035316	7050	Federal	GW	P	
4304737057	RBU 11-17E	NWSE	17	100S	190E	U-03505	7050	Federal	GW	DRL	
4304737058	RBU 3-17E	NENW	17	100S	190E	U-03505	7050	Federal	GW	P	
4304737201	RBU 3-23F	NENW	23	100S	200E	U-013793-A	7050	Federal	OW	P	
4304737341	RBU 11-20F	NESW	20	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304737342	RBU 5-15F	SWNW	15	100S	200E	U-7206	7050	Federal	OW	P	
4304737343	RBU 10-16F	NWSE	16	100S	200E	U-7206	7050	Federal	OW	P	
4304737344	RBU 9-16F	NESE	16	100S	200E	U-7206	7050	Federal	OW	S	
4304737450	RBU 14-17E	SESW	17	100S	190E	U-03505	7050	Federal	GW	P	
4304737747	RBU 15-9E	NWNE	16	100S	190E	U-013765	7050	Federal	GW	DRL	
4304737893	RBU 9-4EA	SENE	04	100S	190E	U-03505	7050	Federal	GW	P	
4304737998	RBU 13-23F	SWSW	23	100S	200E	U-01470-A	7050	Federal	GW	P	
4304738181	RBU 12-4E	SWNW	04	100S	190E	U-03576	99999	Federal	GW	DRL	
4304738182	RBU 11-4E	SE/4	04	100S	190E	U-03505	99999	Federal	GW	DRL	
4304738294	RBU 2-4E	NWNE	04	100S	190E	U-013792	7050	Federal	GW	DRL	
4304738295	RBU 5-4E	SWNW	04	100S	190E	U-03576	99999	Federal	GW	DRL	
4304738543	RBU 28-18F	NESE	13	100S	190E	U 013793-A	7050	Federal	GW	DRL	
4304738548	RBU 32-13E	NESE	13	100S	190E	U-013765	7050	Federal	GW	DRL	
4304738555	RBU 27-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	DRL	
4304738556	RBU 27-18F2	SWSW	18	100S	200E	U-013793	7050	Federal	GW	DRL	
4304738557	RBU 30-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	P	
4304738558	RBU 29-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	DRL	
4304738595	RBU 31-10E	NENE	15	100S	190E	U-013792	7050	Federal	GW	DRL	
4304738596	RBU 17-15E	NENE	15	100S	190E	U-013766	7050	Federal	GW	DRL	
4304738780	RBU 8B-17E	SENE	17	100S	190E	U-013766	7050	Federal	GW	DRL	

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304730153	NATURAL 1-2	SEnw	02	100S	200E	ML-10716	11377	State	OW	PA
4304730260	RBU 11-16E	NEsw	16	100S	190E	ML-13214	7050	State	GW	S
4304730583	RBU 11-36B	NEsw	36	090S	190E	ML-22541	99998	State	NA	PA
4304730608	RBU 8-16D	SENE	16	100S	180E	ML-13216	99998	State	NA	PA
4304730760	RBU 11-2F	NEsw	02	100S	200E	ML-10716	9966	State	OW	S
4304731740	RBU 1-16E	NENE	16	100S	190E	ML-13214	7050	State	GW	P
4304732026	RBU 16-2F	SESE	02	100S	200E	ML-10716	7050	State	GW	P
4304732042	RBU 9-16E	NESE	16	100S	190E	ML-13214	7050	State	GW	P
4304732108	RBU 14-2F	SEsw	02	100S	200E	ML-10716	7050	State	GW	P
4304732136	RBU 8-2F	SENE	02	100S	200E	ML-10716	7050	State	GW	P
4304732137	RBU 5-16E	SWNW	16	100S	190E	ML-13214	7050	State	GW	P
4304732245	RBU 7-16E	SWNE	16	100S	190E	ML-13214	7050	State	GW	PA
4304732250	RBU 13-16E	SWSW	16	100S	190E	ML-13214	7050	State	GW	S
4304732292	RBU 15-16E	SWSE	16	100S	190E	ML-13214	7050	State	GW	PA
4304732314	RBU 10-2F	NWSE	02	100S	200E	ML-10716	7050	State	GW	P
4304732352	RBU 3-16F	NENW	16	100S	200E	ML-3393-A	7050	State	GW	P
4304733360	RBU 1-16F	NENE	16	100S	200E	ML-3393	7050	State	GW	P
4304734061	RBU 6-16E	SWNE	16	100S	190E	ML-13214	7050	State	GW	P
4304734167	RBU 1-2F	NENE	02	100S	200E	ML-10716		State	GW	LA
4304734315	STATE 11-2D	NEsw	02	100S	180E	ML-26968		State	GW	LA
4304734903	RBU 14-16E	SWSW	16	100S	190E	ML-13214	7050	State	D	PA
4304735020	RBU 8-16E	SENE	16	100S	190E	ML-13214	7050	State	GW	P
4304735021	RBU 10-16E	SWSE	16	100S	190E	ML-13214	7050	State	GW	P
4304735022	RBU 12-16E	NEsw	16	100S	190E	ML-13214	7050	State	GW	P
4304735023	RBU 16-16E	SWSW	15	100S	190E	ML-13214	7050	State	GW	P
4304735033	RBU 2-16E	NWNE	16	100S	190E	ML-13214	7050	State	GW	P
4304735081	RBU 15-2F	SWSE	02	100S	200E	ML-10716	7050	State	GW	P
4304735348	RBU 13-16F	NWNW	21	100S	200E	ML-3394	7050	State	GW	DRL
4304736169	RBU 4-16E	NENW	16	100S	190E	ML-13214	7050	State	GW	P
4304736170	RBU 3-16E	NENW	16	100S	190E	ML-13214	7050	State	GW	P



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

Dominion Exploration & Production, Inc.  
Attn: James D. Abercrombie  
14000 Quail Springs Parkway, #600  
Oklahoma City, OK 73134-2600

August 10, 2007

Re: River Bend Unit  
Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the River Bend Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the River Bend Unit Agreement.

Your statewide oil and gas bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED  
AUG 16 2007  
DIV. OF OIL, GAS & MINING



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-013766
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b> RIVER BEND
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501, Englewood, CO, 80155		<b>8. WELL NAME and NUMBER:</b> RBU 10-23E
<b>PHONE NUMBER:</b> 303 397-3727 Ext		<b>9. API NUMBER:</b> 43047348910000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1721 FSL 2092 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 23 Township: 10.0S Range: 19.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>11/4/2014</b>	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS
	<input type="checkbox"/> CHANGE WELL STATUS
	<input type="checkbox"/> DEEPEN
	<input type="checkbox"/> OPERATOR CHANGE
	<input type="checkbox"/> PRODUCTION START OR RESUME
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> WATER SHUTOFF
	<input type="checkbox"/> WILDCAT WELL DETERMINATION
	<input checked="" type="checkbox"/> OTHER
	OTHER: <input style="width: 100px;" type="text" value="Cleanout"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. performed an acid treatment & cleanout on this well per the attached summary report.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 November 17, 2014

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 303-397-3736	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/14/2014	

**Riverbend Unit 10-23E**

**10/24/2014:** MIRU. ND WH. NU & FT BOP. Unland tbg hrg. TOH w/ 2-3/8" tbg. Tbg showed lt external sc bu fr/5,403' - 6,205', (802') & hvy external sc bu fr/6,205' - 6,635', (430'). PU & TIH w/ bit, csg scr, 2-3/8" tbg, tgd sc bridge @ 8,419'. TOH w/ tbg. EOT @ 7,031'. SWI & SDFWE.

**10/27/2014:** TIH w/ 2-3/8" tbg, tgd sc bridge @ 8,219'. RU pwr swvl & AFU. Etsb circ. CO sc bridge & 9' fill. Circ well cln for 2 hrs. RD pwr swvl & AFU. TOH 2-3/8" tbg. EOT @ 4,357'. SWI & SDFN.

**10/28/2014:** Contd TOH w/ 2-3/8" tbg, csg scr w/ bit. PU & TIH w/ 2-3/8" prod tbg. EOT @ 8,233'. RU & RIH w/ tbg broach to SN @ 8,231'. No ti spts. POH & LD broach. Ld tbg on hgr. ND BOP & NU WH. MIRU acid equip. Ppd dwn tbg w/500 gals 15% HCL w/adds, flsh w/15 bbls TFW. Ppd dwn csg w/250 gals 15% HCL w/adds, flsh w/15 bbls TFW. Let acid soak overnight. SWI & SDFN.

**10/29/2014:** RU & RIH w/swb tls. Swab 18 runs, 9 hrs. RDMO. Wait on SWU. SWIFPBU. SDFN.

**11/4/2014:** MIRU SWU. RU swab tls & RIH. Swab 7 runs (5 hrs). Well KO flwg. Dropd BHBS & plngr. RWTP 11/04/2014. RDMO SWU

=====Riverbend Unit 10-23E=====